LITIGATION TECHNICAL SUPPORT AND SERVICES

Rocky Mountain Arsenal

Water Quantity/Quality Survey

Final Screening Program
Third and Fourth Quarters
Final Report
(Version 3.1)
Volume II

May 1988

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PREPARED BY

ENVIRONMENTAL SCIENCE AND ENGINEERING, INC.
HARDING LAWSON ASSOCIATES
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PREPARED FOR

Rocky Mountain Arsenal Information Center Commerce City, Colorado

U.S. ARMY PROGRAM MANAGER'S OFFICE FOR ROCKY MOUNTAIN ARSENAL

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THIS DOCUMENT PRESE	NIS THE RESULTS OF	TASK 4 THIRD AND	FOURTH QUARTER

THIS DOCUMENT PRESENTS THE RESULTS OF TASK 4 THIRD AND FOURTH QUARTER MONITORING EFFORTS. THIRD AND FOURTH QUARTER INVESTIGATIONS INCLUDED THE MEASUREMENT, COLLECTION, AND ANALYSIS OF SURFACE AND GROUND WATER DATA. THE REPORT INCLUDES THE FOLLOWING:

- 1. SUMMARY OF GROUND AND SURFACE WATER MONITORING NETWORKS AND ANALYTICAL SUITE DEVELOPMENT FOR THIRD AND FOURTH QUARTERS
- 2. GEOCHEMICAL DATA FROM GROUND WATER AND SURFACE WATER ANALYSES PRESENTED IN TABLES WITH RMA DISTRIBUTION PLOTS FOR ALL ANALYTES
 - 3. GAS CHROMATOGRAPHY/MASS SPECTROSCOPY RESULTS FOR NONTARGET ANALYTES
- 4. SURFACE AND GROUND WATER QUANTITY INFORMATION, INCLUDING WATER LEVEL, POTENTIOMETRIC SURFACE MAPS, AND SURFACE WATER MONITORING RESULTS.

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APPENDIX A WATER LEVEL DATA

APPENDIX A.1
SPRING 1986 CORRECTED ELEVATIONS

1

WELL	GROUND LEVEL ELEVATION (FT)	CORRECTED DEPTH (FT)	WATER LEVEL ELEVATION (FT)
WELL 01001 01002 01004 01007 01008 01010 01011 01012 01014 01015 01016 01018 01019 01021 01022 01023 01024 01025 01027 01028 01027 01028 01029 01031 01032 01033 01034 01035 01036 01037 01039 01040 01041			
01043 01044 01045 01046 01047 01048 01049 01050 01501 01510	5255.8 5264.8 5264.8 5264.8 5255.3 5255.3 5274.4 5274.4 5274.4 5267.7 5265.8 5269.7	30.4 14.6 22.1 65.4 6.1 55.9 26.9 28.3 7.0 10.6 8.5	5225.4 5225.4 5250.2 5242.7 5199.4 5249.2 5199.4 5247.5 5246.1 5260.7 5255.2 5261.2

TASK 4 WATER LEVELS, SPRING 1986 CORRECTED ELEVATIONS

WELL	GROUND LEVEL ELEVATION (FT)	CORRECTED DEPTH (FT)	WATER LEVEL ELEVATION (FT)
01518	5271.4	9.8	5261.6
01522	5263.5	6.0	5257.5
01528	5270.1	11.9	5258.2
01534	5266.3	5.9	5260.4
01537	5282.9	27.5	5255.4
01554	5268.4	9.5	5258.9
01568	5270.1	7.2	5262.9
01586	5256.4	12.9	5243.5
01588	5262.0	15.6	5246.4
02001	5230.8	8.0	5222.8
02005	5275.5	14.7	5260.8
02007	5263.1	15.0	5248.1
02008	5202.3	5.5	5196.8
02009	5202.1	25.0	5177.1
02010	5202.2	34.6	5167.6
02011	5242.6	34.7	5207.9
02012	5242.8	34.7	5208.1
02013	5242.6	59.4	5183.2
02014	5221.3	24.8	5196.5
02015	5221.1	36.2	5184.9
02016	5221.2	129.3	5091.9
02018	5260.6	31.9	5228.7
02019 02020 02021 02022 02023	5260.4 5227.9 5227.7 5227.9 5236.3	46.3 7.5 10.6 28.1 10.5	5214.1 5220.4 5217.1 5199.8
02024 02025 02026 02027	5236.4 5236.4 5229.2 5229.8	11.5 27.0 6.4 7.6	5225.8 5224.9 5209.4 5222.8 5222.2
02028 02030 02031 02032 02034	5229.6 5266.4 5266.0 5265.1 5238.0	11.7 20.8 62.5 24.0 9.7	5217.9 5245.6 5203.5 5241.1
02035 02036 02037 02038	5238.0 5238.0 5233.1 5233.1	9.7 9.9 23.7 11.9 12.2	5228.3 5228.1 5214.3 5221.2 5220.9
02039	5233.1	26.9	5206.2
02043	5267.7	24.5	5243.2
02044	5267.7	48.5	5219.2

TASK 4 WATER LEVELS, SPRING 1986 CORRECTED ELEVATIONS

WELL	GROUND LEVEL ELEVATION (FT)	CORRECTED DEPTH (FT)	WATER LEVEL ELEVATION (FT)
02045 02046	5268.6 5268.6	22.0 68.1	5246.6 5200.5
02048	5269.2	63.9	5205.3
02520 02545	5224.2 5263.1	29.6 8.6	5194.6 5254.5
02545	5263.1	8.6	5254.5
02578	5246.3	16.1	5230.2
02580	5251.2	7.2	5244.0
02583	5250.4	6.2	5244.2
02585	5260.4	22.2	5238.2
03001	5209.1	74.4	5134.7
03002	5194.1	64.0	5130.1
03003	5195.9	65.1	5130.8
03004	5196.3	67.1	5129.2
03005	5194.8 5195.1	18.2	5176.6
03006 03007	5193.1	28.4 54.3	5166.7 - 5140.5
03007	5218.5	60.0	5158.5
03009	5208.4	72.8	5135.6
03010	5204.5	68.0	5136.5
03516	5184.9	59.3	5125.6
03517	5179.1	53.1	5126.0
03518	5171.6	45.3	5126.3
03522	5200.9	67.9	5133.0
03523	5204.2	62.6	5141.6
03526	5185.4	60.2	5125.2
04001 04002	5181.4 5171.1	55.4 47.5	5126.0 . 5123.6
04002	5169.6	47.3	5123.4
04007	5172.7	50.1	5122.6
04008	5172.8	50.6	5122.2
04009	5172.7	52.8	5119.9
04010	5193.6	65.5	5128.1
04011	5193.6	66.0	5127.6
04012	5193.6	76.3	5117.3
04013	5190.3	67.1	5123.2
04014	5190.4	67.0	5123.4
04015	5190.4	67.0	5123.4
04016 04017	5190.3	67.0	5123.3
04017	5185.4 5185.1	61.0	5124.4
04019	5184.9	60.2 60.0	5124.9 5124.9
04020	5191.2	68.6	5124.9
		55.5	3122.0

WELL	GROUND LEVEL ELEVATION (FT)	CORRECTED DEPTH (FT)	WATER LEVEL ELEVATION (FT)
04024	5190.2	68.2	5122.0
04025	5190.4	68.1	5122.3 5127.4
04026	5190.2	62.8	5126.9
04027	5190.2	63.3 63.0	5127.2
04028	5190.2	62.9	5127.1
04029	5190.0 5196.8	62.5	5134.3
04031	5196.8	62.3	5134.5
04032	5196.9	62.5	5134.4
04033	5197.0	57.2	5139.8
04524 04525	5198.8	58.6	5140.2
04525	5185.5	60.9	5124.6
04528	5190.1	66.7	5123.4
04529	5191.3	68.4	5122.9
04532	5187.5	62.4	5125.1
05002	5290.9	21.4	5269.5
05003	5290.4	25.8	- 5264.6
06002	5259.5	8.4	5251.1
06003	5247.5	11.7	5235.8
06004	5247.4	12.7	5234.7
06005	5247.6	13.0	5234.6
07001	5297.1	9.0	5288.1 DRY
07003	5292.9	DRY 47.0	5245.8
07005	5292.8	17.2	5303.8
08002	5321.0 5290.2	3.8	5286.4
08003 08004	5290.6	4.3	5286.3
08004	5290.2	39.6	5250.6
09001	5194.0	47.4	5146.6
09002	5207.9	63.7	5144.2
09003	5209.0	66.6	5142.4
09004	5208.1	68.0	5140.1
09005	5210.1	56.8	5153.3
09006	5200.0	49.0	5151.0
09007	5210.8	56.2	5154.6
11002	5250.4	13.6	5236.8
11003	5250.1	16.3	5233.8
11004	5250.1	25.3	5224.8
12001	5280.5	5.3	5275.2 5256.3
12002	5268.5	12.2	5256.0
12004	5268.9	12.9 3.9	5168.2
19001	5172.1	5.9 6.7	5169.0
19002	5175.7	0.7	3109.0

WELL	GROUND LEVEL ELEVATION (FT)	CORRECTED DEPTH (FT)	WATER LEVEL ELEVATION (FT)
19003	5179.9	14.6	5165.3
19004	5163.6	4.7	5158.9
19005	5160.8	3.8	5157.0
19006	5161.0	4.8	5156.2
19007	5163.9	8.9	5155.0 DRY
19009	5204.2	DRY DRY	DRY
19010	5208.3 5202.9	32.6	5170.3
19011 19014	5203.9	DRY	DRY
19014	5204.6	37.3	5167.3
19016	5203.4	55.4	5148.0
19017	5186.1	19.6	5166.5
19018	5186.0	22.6	5163.4
19019	5186.0	30.9	5155.1
22002	5147.4	51.1	5096.3
22003	5124.3	30.6	5093.7
22004	5135.4	28.6	-5106.8
22005	5127.5	39.4	5088.1
22006	5128.7	18.9	5109.8
22008	5131.5	39.4	5092.1
22012	5168.0	24.1	5143.9
22015	5130.4	42.5	5087.9
22016	5129.3	41.4	5087.9 5087.8
22017 22019	5129.6 5120.5	41.8 28.0	5092.5
22020	5120.9	28.0	5092.9
22021	5121.0	28.2	5092.8
22022	5121.1	28.0	. 5093.1
22023	5121.5	30.3	5091.2
22024	5121.6	30.5	5091.1
22027	5155.1	46.2	5108.9
22028	5155.0	52.4	5102.6
22030	5141.5	41.0	5100.5
22031	5141.4	43.3	5098.1
22049	5144.5	34.0	5110.5
22050	5140.0	34.0	5106.0
22051	5130.1	43.8	5086.3
22052	5132.6	41.6	5091.0 5090.9
22053	5134.4	43.5	
22054 22056	5151.7 5124.7	39.1 31.5	5112.6 5093.2
22059	5132.9	45.1	5087.8
22060	5134.7	28.1	5106.6
		2011	0.00.0

TASK 4 WATER LEVELS, SPRING 1986 CORRECTED ELEVATIONS

WELL	GROUND LEVEL ELEVATION (FT)	CORRECTED DEPTH (FT)	WATER LEVEL ELEVATION (FT)
23002	5191.5	48.0	5143.5
23004	5165.9	23.6	5142.3
23007	5180.3	36.5	5143.8
23008	5185.5	41.4	5144.1
23009	5158.5	16.5	5142.0
23010	5152.3	11.5	5140.8
23011	5158.0	16.6	5141.4
23012	5163.4	21.4	5142.0
23013	5171.3	28.0	5143.3
23014	5178.7	35.3	5143.4
23015	5181.0	37.6	5143.4
23016	5185.1	41.3	5143.8
23026	5146.6	7.9	5138.7
23029	5157.6	15.7	5141.9
23034	5187.4	43.0	5144.4
23036	5182.7	39.3	5143.4
23037	5182.6	DRY	DRY
23039	5140.3	20.5	5119.8
23043	5148.1	16.5	5131.6
23044	5148.2	17.5	5130.7
23045	5149.7	19.8	5129.9
23046	5149.3	20.4	5128.9
23047	5145.0	16.1	5128.9
23048	5143.4	14.6	5128.8
23049	5186.8	42.4	5144.4
23051	5165.6	23.0	5142.6
23052	5163.6	20.5	5143.1
23053	5166.5	23.4	5143.1
23054 23056 23057 23058	5187.5 5183.4 5177.1 5180.9	43.9 40.0 33.8 37.5	5143.4 5143.3 5143.4
23059	5176.0	29.2	5146.8
23067	5163.2	20.3	5142.9
23072	5160.3	17.7	5142.6
23079	5170.8	27.9	5142.9
23085	5162.8	21.2	5141.6
23092	5172.0	42.3	5129.7
23095	5178.8	34.9	5143.9
23101	5170.0	27.3	5142.7
23101	5170.0	27.3	5142.7
23102	5171.0	28.1	5142.9
23106	5168.8	26.0	5142.8

TASK 4 WATER LEVELS, SPRING 1986 CORRECTED ELEVATIONS

WELL	GROUND LEVEL ELEVATION (FT)	CORRECTED DEPTH (FT)	WATER LEVEL ELEVATION (FT)
23107 23108 23109 23110 23111	5177.4 5178.1 5187.3 5146.2 5150.8 5148.3 5148.6 5147.7 5148.4 5155.6 5146.1 5187.0 5193.1 5165.2 5185.6 5189.1 5188.6 5189.2 5189.2 5193.6 5150.4 5152.3 5156.9 5155.8 5156.9 5147.4	33.7 34.5 35.3 16.3 19.4	5143.7 5143.6 5152.0 5129.9
23118 23119 23120 23122 23123	5148.3 5148.6 5147.7 5148.4 5155.6	9.6 8.7 9.0 9.4 15.9	5131.4 5138.7 5139.9 5138.7 5139.0 5139.7
23125 23128 23130 23134 23135	5146.1 5187.0 5193.1 5165.2 5185.6	6.6 40.4 45.5 23.1 39.5	5139.5 5146.6 5147.6 5142.1 5146.1
23140 23141 23142 23143 23144 23145	5189.1 5188.6 5189.2 5193.6 5150.4	45.7 42.0 45.9 50.4	5143.4 5146.6 5143.3 5143.2 5139.3
23146 23150 23157 23160 23161	5154.6 5166.8 5155.8 5156.9 5153.0	11.8 13.7 24.7 16.6 15.4 23.9	5140.5 5140.9 5142.1 5139.2 5141.5 5129.1
23177 23178 23179	5145.6 5147.4 5145.9 5146.8 5182.8	10.0 10.4 9.6 9.3 39.4	5135.6 5137.0 5136.3 5137.5 5143.4
23180 23181 23182 23183 23184 23185	5182.8 5182.8 5145.9 5145.0 5145.6 5179.6	39.3 39.7 31.6 32.9 33.0	5143.5 5143.1 5114.3 5112.1 5112.6
23186 23187 23188 23189 23190 23191	5180.6 5180.5 5182.4 5182.4 5182.3 5191.9	36.5 51.3 59.6 39.3 39.6 39.9 48.4	5143.1 5129.3 5120.9 5143.1 5142.8 5142.4 5143.5

TASK 4 WATER LEVELS, SPRING 1986 CORRECTED ELEVATIONS

23192 5192.1 50.0 5142.1 23193 5192.0 55.2 5136.8 23196 5136.6 13.2 5123.4 23197 5139.2 12.2 5127.0 23198 5142.3 13.1 5129.2 23199 5144.3 6.5 5137.8 23200 5147.0 16.4 5130.0 23201 5146.6 16.6 5130.0 23201 5146.6 16.6 5130.0 23204 5148.9 15.9 5133.0 23205 5149.8 9.8 5140.0 23208 5157.0 15.9 5141.1 23209 5148.8 11.5 5137.3 23210 5148.4 112.9 5035.5 23211 5163.0 21.9 5141.1 24001 5169.5 27.0 5142.5 24002 5173.0 28.6 5144.4 24003 5153.1 5.6 5147.2 24002 5173.0 28.6 5144.4 24003 5153.1 5.6 5147.5 24006 5148.2 DRY DRY 24011 5180.5 DRY DRY 24011 5180.5 DRY DRY 24011 5180.5 DRY DRY 24024 5152.5 11.4 5141.1 24049 5169.8 27.6 5142.2 24057 5156.3 16.5 5139.8 24063 5170.3 21.6 5142.2 24057 5156.3 16.5 5139.8 24080 5189.3 28.1 5161.2 24080 5189.3 28.1 5161.2 24080 5189.3 28.1 5161.2 24080 5189.3 28.1 5161.2 24080 5189.3 28.1 5161.2 24080 5189.3 28.1 5161.2 24081 5189.0 23.3 5165.7 24082 5183.9 17.1 5166.8 24083 5181.3 14.2 5167.1 24080 5189.3 28.1 5161.2 24081 5189.0 23.3 5165.7 24082 5183.9 17.1 5166.8 24083 5181.3 14.2 5167.1 24099 5173.6 12.9 5160.7 24099 5173.6 12.9 5160.7 24099 5173.6 12.9 5160.7 24099 5173.6 12.9 5160.7 24099 5173.6 12.9 5160.7 24099 5173.6 12.9 5160.7 24099 5173.6 12.9 5160.7 24099 5155.6 10.4 5145.2 24099 5155.6 10.4 5145.2 24099 5155.6 10.4 5145.2 24099 5155.6 10.4 5145.5 24100 5148.5 3.6 5144.9	WELL	GROUND LEVEL ELEVATION (FT)	CORRECTED DEPTH (FT)	WATER LEVEL ELEVATION (FT)
23196 5136.6 13.2 5123.4 23197 5139.2 12.2 5127.0 23198 5142.3 13.1 5129.2 23199 5144.3 6.5 5137.8 23200 5147.0 16.4 5130.0 23201 5146.6 16.6 5130.0 23204 5148.9 15.9 5133.0 23205 5149.8 9.8 5140.0 23209 5148.8 11.5 5137.3 23210 5148.4 112.9 5035.5 23211 5163.0 21.9 5141.1 24001 5169.5 27.0 5142.5 24002 5173.0 28.6 5147.5 24003 5153.1 5.6 5147.5 24004 5152.5 DRY DRY 24011 5180.5 DRY DRY 24024 5152.5 11.4 5141.1 24049 5169.8 27.6 5142.2 24057 5156.3 16.5 5139.8 24080 5189.3 28.1 </td <td></td> <td></td> <td></td> <td></td>				
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24098 5158.7 10.3 5148.4 24099 5155.6 10.4 5145.2 24100 5157.6 14.1 5143.5 24101 5159.3 18.2 5141.1 24103 5148.4 6.9 5141.5 24105 5145.1 2.5 5142.6				
24099 5155.6 10.4 5145.2 24100 5157.6 14.1 5143.5 24101 5159.3 18.2 5141.1 24103 5148.4 6.9 5141.5 24105 5145.1 2.5 5142.6				
24100 5157.6 14.1 5143.5 24101 5159.3 18.2 5141.1 24103 5148.4 6.9 5141.5 24105 5145.1 2.5 5142.6				
24101 5159.3 18.2 5141.1 24103 5148.4 6.9 5141.5 24105 5145.1 2.5 5142.6				
24103 5148.4 6.9 5141.5 24105 5145.1 2.5 5142.6				
24105 5145.1 2.5 5142.6				
	24106	5148.5	3.6	

WELL	GROUND LEVEL ELEVATION (FT)	CORRECTED DEPTH (FT)	WATER LEVEL ELEVATION (FT)
24107	5168.5	19.5	5149.0
24108 24109	5187.2 5181.6	34.1	5153.1
24110	5155.2	41.0 9.2	5140.6 5146.0
24111	5178.5	18.9	5159.6
24112	5177.6	15.5	5162.1
24113	5164.2	22.3	5141.9
24114	5160.9	19.9	5141.0
24115	5152.8 5144.6 5184.9	11.8	5141.0
24117	5144.6	4.2	5140.4
24120	5184.9	42.6	5142.3
24121	5187.1	43.0	5144.1
24122	5188.4	31.3	5157.1
24123 24124	5190.6 5192.3	33.0	5157.6
24125	5187.8	32.7 24.6	5159.6 5163.2
24126	5167.2	16.1	5151.1
24127	5156.6	16.2	5140.4
24128	5156.2	15.8	5140.4
24135	5157.8	17.6	5140.2
24136	5157.8	17.7	5140.1
24150	5143.4	6.3	5137.1
24158	5158.1	6.4	5151.7
24159	5158.1	10.0	5148.1
24161	5142.9	10.8	5132.1
24162 24163	5139.7	7.0	5132.7
24163	5139.3 5138.4	4.6 3.9	5134.7
24166	5142.3	12.7	5134.5 5129.6
24167	5152.0	17.2	5134.8
24168	5151.6	16.9	5134.7
24169	5149.3	15.8	5133.5
24170	5141.2	8.3	5132.9
24171	5140.7	8.6	5132.1
24172	5140.6	3.7	5136.9
24174	5142.5	8.5	5134.0
24178	5147.5	8.0	5139.5
24179 24180	5144.7	5.8	5138.9
24181	5141.2 5141.6	2.9	5138.3
24182	5140.5	3.4 2.8	5138.2 5137.7
24184	5145.5	6.3	5139.2
24185	5143.2	4.7	5138.5

TASK 4 WATER LEVELS, SPRING 1986 CORRECTED ELEVATIONS

WELL	GROUND LEVEL ELEVATION (FT)	CORRECTED DEPTH (FT)	WATER LEVEL ELEVATION (FT)
24188	5146.4	9.0	5137.4
25004	5263.0	41.5	5221.5
25007	5197.1	16.0	5181.1
25008	5236.0	53.5	5182.5
25009	5236.9	60.2	5176.7
25010	5236.4	52.5 7.0	5183.9 5181.0
25011	5188.0	7.0	5181.1
25012	5188.1 5188.1	8.7	5179.4
25013 25014	5187.7	24.6	5163.1
25015	5196.5	36.0	5160.5
25016	5196.5	37.3	5159.2
25017	5196.5	42.6	5153.9
25018	5188.7	21.4	5167.3
25019	5188.7	24.0	5164.7
25020	5188.7	38.2	5150.5
25021	5253.9	77.2	- 5176.7
25022	5262.3	48.0	5214.3
25023	5262.9	48.0	5214.9
25024	5262.4	50.0	5212.4
25026	5248.6 5223.1	67.2 50.7	5181.4 5172.4
25029	5219.5	DRY	DRY
25030 25031	5219.3	47.0	5172.4
25034	5267.0	84.7	5182.3
25035	5269.6	38.7	5230.9
25037	5269.9	90.0	5179.9
25038	5213.1	20.2	, 5192.9
25039	5213.2	20.2	5193.0
25040	5213.4	20.9	5192.5
26002	5170.6	20.2	5150.4
26005	5191.6	32.6	5159.0
26009	5173.4	44.4	5129.0
26011	5189.2	42.6	5146.6 5145.8
26015	5192.5 5188.8	46.7 42.1	5146.7
26016 26017	5190.3	43.1	5147.2
26017	5193.6	47.2	5146.4
26019	5191.9	42.0	5149.9
26020	5190.5	41.1	5149.4
26024	5195.3	43.8	5151.5
26026	5200.2	42.4	5157.8
26027	5201.0	38.5	5162.5

TASK 4 WATER LEVELS, SPRING 1986 CORRECTED ELEVATIONS

WELL	GROUND LEVEL ELEVATION (FT)	CORRECTED DEPTH (FT)	WATER LEVEL ELEVATION (FT)
26028 26040 26041 26043 26044 26047	5200.0 5195.9 5187.2 5186.1 5188.4 5187.0 5172.1	37.8 48.0 40.7 40.3 43.3 41.8 21.5	5162.2 5147.9 5146.5 5145.8 5145.1 5145.2 5150.6
26048 26050 26051 26052 26058 26061 26062 26063	5172.1 5190.7 5203.0 5210.7 5208.6 5173.7 5183.4 5209.3	32.3 51.0 43.3 20.9 27.1 16.5 24.7	5158.4 5152.0 5167.4 5187.7 5146.6 5166.9 5184.6
26064 26066 26067 26069 26071 26072 26073	5209.3 5198.7 5198.7 5188.4 5199.0 5199.0 5223.0	33.7 35.2 44.6 34.0 39.9 46.1 45.8	5175.6 5163.5 -5154.1 5154.4 5159.1 5152.9 5177.2
26074 26075 26076 26077 26079 26080 26081	5223.0 5223.0 5183.8 5183.8 5175.1 5175.1	45.6 53.4 31.9 32.5 25.7 28.8 25.0	5177.4 5169.6 5151.9 5151.3 5149.4 5146.3
26082 26083 26084 26085 26086 26088 26089 26090	5173.8 5172.8 5172.8 5210.5 5210.5 5172.0 5172.0 5172.0	27.1 21.6 23.3 29.9 36.4 27.4 27.0 26.7	5146.7 5151.2 5149.5 5180.6 5174.1 5144.6 5145.0 5145.3
26091 26092 26093 26094 26096 26097 26123	5179.4 5179.4 5183.0 5183.0 5207.1 5240.6 5197.4	19.3 25.5 17.2 28.4 16.7 55.5 40.3	5160.1 5153.9 5165.8 5154.6 5190.4 5185.1

TASK 4 WATER LEVELS, SPRING 1986 CORRECTED ELEVATIONS

WELL	GROUND LEVEL ELEVATION (FT)	CORRECTED DEPTH (FT)	WATER LEVEL ELEVATION (FT)
26124	5195.1	39.9	5155.2
26127	5203.8	39.5	5164.3
26128	5203.8	37.7	5166.1
26129	5203.8	38.7	5165.1
26130	5183.4	30.3	5153.1
26133	5187.8	40.8	5147.0
26134	5197.7	45.1	5152.6
26135	5197.7	44.8	5152.9
26140	5221.6	55.0	5166.6
26141	5221.6	66.5	5155.1
26142	5221.6	66.4	5155.2
26146	5170.4	32.2	5138.2
26147	5169.5	34.4	5135.1
27002	5134.2	39.5	5094.7
27003	5144.2	46.4	5097.8
27004	5125.6	32.2	5093.4
27005	5127.8	34.1	5093.7
27006	5127.1	33.3	5093.8
27007	5127.2	32.3	5094.9
27009	5130.0	34.7	5095.3
27010	5126.5	34.0	5092.5
27011	5128.0	34.8	5093.2
27016 27017 27025 27034	5163.9 5167.2 5163.4	18.2 18.9 36.7	5145.7 5148.3 5126.7
27037 27040 27041	5172.4 5140.2 5152.1 5149.7	58.7 36.7 30.8 35.6	5113.7 5103.5 5121.3 5114.1
27042	5158.6	52.1	5106.5
27043	5141.3	37.2	5104.1
27044	5133.3	33.1	5100.2
27045	5135.7	41.5	5094.2
27051	5167.7	38.4	5129.3
27053	5155.1	52.6	5102.5
27054	5154.8	52.7	5102.1
27055	5154.7	56.9	5097.8
27057	5139.2	41.1	5098.1
27058	5139.3	40.9	5098.4
27062	5133.6	40.0	5093.6
27063	5129.1	35.3	5093.8
27064	5130.3	36.6	5093.7
27066	5130.7	36.6	5094.1

WELL	GROUND LEVEL ELEVATION (FT)	CORRECTED DEPTH (FT)	WATER LEVEL ELEVATION (FT)
27068	5130.8	36.9	5093.9
27070	5131.4	37.0	5094.4
27071	5132.0	37.2	5094.8 5095.8
27072	5129.9	34.1	5097.4
27073	5142.0	44.6 40.0	5096.8
27074	5136.8	46.9	5095.9
27075	5142.8	47.8	5095.7
27076	5143.5 5142.0	47.5	5094.5
27077	5142.0	46.3	5095.2
27078	5146.9	27.0	5119.9
27079 27080	5145.6	25.6	5120.0
27080	5147.6	28.3	5119.3
27081	5148.8	37.1	5111.7
27082	5144.8	42.5	5102.3
28002	5124.6	28.6	5096.0
28003	5130.7	34.8	- 5095.9
28004	5137.0	40.6	5096.4
28005	5132.8	35.5	5097.3
28006	5131.8	34.3	5097.5
28007	5133.1	35.0	5098.1 5098.5
28008	5135.1	36.6	5100.1
28009	5129.9	29.8	5099.5
28011	5138.1	38.6 32.7	5099.7
28012	5132.4	35.2	5100.1
28013	5135.3 5142.0	42.0	5100.0
28014	5142.4	41.7	5100.7
28015 28018	5145.0	43.7	5101.3
28020	5139.7	38.2	5101.5
28021	5141.0	39.4	5101.6
28021	5140.6	37.1	5103.5
28023	5132.2	33.1	5099.1
28024	5132.2	34.2	5098.0
28025	5132.2	36.0	5096.2
28026	5132.3	35.9	5096.4
28027	5139.4	38.6	5100.8
28028	5139.7	39.6	5100.1
28029	5139.7	41.9	5097.8 5101.6
28030	5140.4	38.8	5107.1
28503	5153.9	46.8	5104.5
28513	5139.4	34.9 34.6	5215.0
29002	5249.6	34.0	3213.0

TASK 4 WATER LEVELS, SPRING 1986 CORRECTED ELEVATIONS

WELL	GROUND LEVEL ELEVATION (FT)	CORRECTED DEPTH (FT)	WATER LEVEL ELEVATION (FT)
29003 30003 30004 30005 30006 30007 30008 30009 30010 31002 31003 31005 31006 31008 31009 31010 31011 32002 32003 33001 33002 32003 33014 33015 33016 33017 33018 33019 33021 33022 33023 33024 33025 33026 33027	5249.6 5224.8 5224.8 5224.8 5299.7 5199.7 5199.7 5205.6 5205.6 5222.8 5222.8 5222.8 5222.8 5243.7 5243.7 5243.7 5260.1 5168.9 5163.2 5156.2 5156.2 5166.5 5166.5 5166.5 5166.5 5165.3 5155.0 5154.6 5153.8	73.8 DRY 29.4 43.8 15.4 31.4 42.6 8.3 12.9 12.8 15.6 20.7 21.4 28.2 26.6 26.9 21.3 27.4 36.3 73.7 53.9 44.3 54.2 46.0 43.2 56.0 64.7 64.4 64.9 63.3 62.2 63.5 53.9 52.9 53.2	5175.8 DRY 5195.4 5181.0 5184.3 5168.3 5157.1 5197.3 5192.7 5238.4 5233.3 5202.1 5201.4 5194.6 5217.1 5216.8 5222.4 5232.7 5223.8 5186.4 5115.0 5118.9 5102.0 5117.3 5101.8 5102.1 5101.3 5101.8 5102.5 5103.3 5101.8 5101.7 5100.6
33028 33029 33030 33031 33032 33033 33034 33035	5167.5 5167.3 5172.0 5172.0 5171.8 5149.1 5149.2 5149.0	129.8 77.9 55.6 63.1 64.0 39.3 39.5 40.0	5100.6 5037.7 5089.4 5116.4 5108.9 5107.8 5109.8 5109.7

TASK 4 WATER LEVELS, SPRING 1986 CORRECTED ELEVATIONS

WELL	GROUND LEVEL ELEVATION (FT)	CORRECTED DEPTH (FT)	WATER LEVEL ELEVATION (FT)
33039 33040 33041 33042 33043 33044 33045 33046 33047 33054 33057 33058 33059 33060 33061 33062 33063 33064 33065 33066 33067 33068 33069 33070 33071 33072 33073 33073 33073	5158.3 5178.0 5174.8 5162.1 5168.7 5172.3 5175.0 5173.1 5188.1 5155.8 5150.4 5146.5 5161.0 5158.9 5158.7 5173.5 5161.5 5161.4 5161.4 5161.4 5161.5 5161.5 5161.5 5161.5 5161.5	DEPTH (FT) 53.2 71.5 68.7 52.7 57.1 60.2 62.3 56.5 67.5 54.6 50.6 46.3 58.1 51.6 51.3 67.3 66.9 50.3 50.2 50.4 50.6 50.7 50.7 50.7 50.7 50.7 50.3 49.6 41.8 42.2	5105.1 5106.5 5106.1 5109.4 5111.6 5112.1 5112.7 5116.6 5120.6 5101.2 5099.8 5100.2 5102.9 5107.3 5107.4 5106.2 5106.6 5111.2 5111.2 5111.2 5111.2 5111.2 5111.0 5110.8 5110.8 5110.8 5102.5 5101.8
33501 33502 33506 33508 33509 33510 33511 33512 33514 33530 33531 33533 33534 33576 33577	5150.3 5155.9 5147.9 5155.5 5147.7 5153.2 5151.4 5154.7 5174.6 5165.8 5162.0 5144.0 5156.2 5152.1 5153.3	33.0 44.2 45.1 DRY 44.4 46.0 43.9 47.3 54.4 DRY 51.8 42.1 52.6 40.3 47.3	5117.3 5111.7 5102.8 DRY 5103.3 5107.2 5107.5 5107.4 5120.2 DRY 5110.2 5101.9 5103.6 5111.8 5106.0

TASK 4 WATER LEVELS, SPRING 1986 CORRECTED ELEVATIONS

WELL	GROUND LEVEL ELEVATION (FT)	CORRECTED DEPTH (FT)	WATER LEVEL ELEVATION (FT)
33579	5154.3	51.1	5103.2
33580	5153.1	51.1	5102.0
33582 34002	5252.5 5189.5	48.9 67.5	5203.6 5122.0
34002	5190.1	68.9	5121.2
34004	5189.9	69.2	5120.7
34005	5181.5	64.9	5116.6
34005	5181.5	64.9	5116.6
34006	5181.4	65.0	5116.4
34007	5181.6	64.7	5116.9
34008	5164.6	53.9	5110.7
34009	5164.8	54.1	5110.7
34010	5164.6	53.7	5110.9
34515	5164.2	43.6	5120.6
35005	5209.3	29.1	5180.2
35006	5232.3	41.1	5191.2
35007 35008	5210.1 5226.5	19.3 21.9	⁻ 5190.8 5204.6
35008	5216.3	20.0	5196.3
35012	5214.3	21.3	5193.0
35012	5269.4	14.4	5255.0
35014	5263.5	13.3	5250.2
35015	5261.0	20.6	5240.4
35016	5214.8	25.2	5189.6
35017	5214.8	21.7	5193.1
35018	5209.6	19.1	5190.5
35023	5240.8	6.8	5234.0
35024	5240.8	6.5	5234.3
35025	5240.9 5241.1	11.3	5229.6
35026 35027	5241.1	15.2 28.7	5225.9 5212.4
35027	5241.1	16.2	5224.9
35030	5250.4	14.9	5235.5
35032	5200.1	29.3	5170.8
35033	5200.1	36.8	5163.3
35036	5207.0	26.9	5180.1
35037	5202.5	32.6	5169.9
35038	5202.5	34.1	5168.4
35039	5202.5	55.3	5147.2
35040	5191.3	23.0	5168.3
35041	5191.3	43.1	5148.2
35047	5232.5	15.6	5216.9
35048	5234.3	14.2	5220.1

TASK 4 WATER LEVELS, SPRING 1986 CORRECTED ELEVATIONS

WELL	GROUND LEVEL ELEVATION (FT)	CORRECTED DEPTH (FT)	WATER LEVEL ELEVATION (FT)
35050 35051 35052 35053 35054 35055 35056 35058 35059 35061 35062 35063	5226.3 5226.3 5253.6 5253.3 5253.4 5272.1 5271.8 5210.4 5210.4 5247.8 5248.6	21.6 21.6 11.4 12.4 26.9 39.7 72.3 26.2 26.7 25.1 34.1	5204.7 5204.7 5242.2 5240.9 5226.5 5232.4 5199.5 5184.2 5183.7 5222.7
35063 35065 35066 35067 35068 35069 35070 35071 35073 35074 36001	5249.0 5234.9 5235.1 5235.1 5234.9 5235.8 5235.9 5264.0 5263.4 5263.4 5264.0 5238.3	50.6 13.6 13.7 26.7 41.7 14.0 23.0 21.7 24.7 63.1 9.8	5198.4 5221.3 5221.4 5208.4 5193.2 5221.8 5212.9 5242.3 5238.7 5200.3 5254.2
36010 36017 36024 36029 36036 36043 36050 36054 36056 36057	5238.3 5238.8 5235.1 5233.5 5238.6 5244.9 5231.0 5264.1 5260.0 5242.4 5235.3	12.9 10.7 7.7 4.6 14.5 9.6 3.9 9.7 7.1 6.6 3.7	5225.4 5228.1 5227.4 5228.9 5224.1 5235.3 5227.1 5254.4 5252.9 5235.8 5231.6
36060 36061 36062 36063 36065 36066 36067 36072 36073	5256.4 5256.9 5246.7 5246.1 5244.1 5244.1 5241.9 5232.5 5235.2 5238.9	15.2 13.1 6.0 14.4 5.5 11.3 5.5 2.9 1.6 2.4	5241.2 5243.8 5240.7 5231.7 5238.6 5232.8 5236.4 5229.6 5233.6 5236.5

TASK 4 WATER LEVELS, SPRING 1986 CORRECTED ELEVATIONS

WELL	GROUND LEVEL ELEVATION (FT)	CORRECTED DEPTH (FT)	WATER LEVEL ELEVATION (FT)
36075 36076 36077 36078 36079 36081 36082 36083 36084 36085 36086 36089 36099 36099 36104 36105 36109 36110 36112 36113 361114 36116 36117 36118 36119 36121	5254.9 5253.1 5240.5 5240.5 5240.5 5233.9 5233.7 5233.7 5237.0 5231.6 5254.3 5259.0 5252.5 5251.9 5239.1 5236.6 5235.4 5241.9 5239.2 5239.2 5239.2 5247.1 5247.1 5247.5 5247.3 5285.8 5265.6 5228.6	DEPTH (FT) 4.4 12.4 15.8 16.6 45.4 4.3 3.2 10.0 5.4 0.8 17.8 8.3 22.1 22.4 7.9 5.7 7.0 15.9 12.6 9.3 13.6 27.2 31.6 54.6 35.2 44.8 21.0 25.0 32.4	5250.5 5240.7 5224.7 5223.9 5195.1 5229.6 5230.5 5233.7 5231.6 5230.8 5236.5 5250.7 5230.4 5229.5 5231.2 5230.9 5228.4 5226.6 5248.8 5244.5 5219.9 5192.7 5250.6 5241.0 5244.6 5240.6 5196.2
36122 36123 36128 36134 36135 36136 36137 36138 36139 36140 36142 36145 36146	5228.6 5234.5 5234.5 5234.4 5236.9 5237.3 5236.7 5236.7 5236.7 5236.7 5236.5 5237.7 5243.2 5243.5	32.7 5.4 5.8 5.9 6.3 13.9 15.5 14.1 14.8 13.5 14.0 14.8 15.3	5195.9 5229.1 5230.3 5228.6 5228.1 5223.0 5221.8 5222.6 5221.9 5223.0 5223.7 5228.4 5228.2
36147	5243.3	25.2	5218.1

TASK 4 WATER LEVELS, SPRING 1986 CORRECTED ELEVATIONS

WELL	GROUND LEVEL ELEVATION (FT)	CORRECTED DEPTH (FT)	WATER LEVEL ELEVATION (FT)
37305 37307 37308 37309 37313 37320 37332 37333	5118.4 5147.7 5127.5 5122.9 5108.2 5120.3 5133.6 5126.7 5119.8 5134.5 5135.3 5135.3 5100.3 5117.0 5110.9 5112.5 5102.0 5096.3 5093.1 5082.2 5081.6 5077.6 5077.6 5077.6 5077.6 5077.6 5077.6 5077.6	7.7 19.3 4.1 3.5 3.8 18.0 46.4 38.0	5110.7 5128.4 5123.4 5119.4 5104.4 5102.3 5087.2 5088.7
37335 37338 37339 37340 37341 37342 37343 37344	5119.8 5134.5 5135.3 5135.3 5100.3 5117.0 5110.9 5112.5	27.7 7.3 12.5 31.9 29.5 16.0 5.5 21.6	5092.1 5127.2 5122.8 5103.4 5070.8 5101.0 5105.4 5090.9
37345 37346 37347 37348 37349 37350 37351 37352 37353	5102.0 5096.3 5093.1 5082.2 5081.6 5077.6 5076.4 5073.0	26.4 14.5 27.7 24.1 35.8 35.6 20.8 29.7 33.3	5075.6 5081.8 5065.4 5058.1 5045.8 5042.0 5055.6 5043.3 5036.5
37354 37355 37356 37357 37358 37360 37361 37362 37363 37364 37365 37366	5055.9 5053.2 5025.1 5021.7 5140.3 5114.6 5090.6 5167.9 5043.9 5008.7 5110.4 5302.6	22.0 13.7 7.2 4.9 46.8 33.0 27.8 39.4 7.1 7.4 5.2 4.8	5033.9 5039.5 5017.9 5016.8 5093.5 5081.6 5062.8 5128.5 5036.8 5001.3 5105.2 5297.8

APPENDIX A.2 SUMMER 1986 CORRECTED ELEVATIONS

WELL	GROUND LEVEL ELEVATION (FT)	CORRECTED DEPTH (FT)	WATER LEVEL ELEVATION (FT)
01001 01002	5276.6 5262.1	26.6 14.7	5250.0 5247.4
01004	5259.9	8.9	5251.0
01007	5274.4	14.2	5260.2
01008 01009	5260.2 5265.1	12.6 9.8	5247.6 5255.3
01010	5269.3	11.9	5257.4
01011	5269.9	11.8	5258.1
01012	5264.0	8.6	5255.4
01014	5265.5	14.1	5251.4
01015	5265.5	18.7	5246.8
01016	5274.0	15.8	5258.2
01017	5261.7	8.5	5253.2
01018 01019	5265.9 5263.4	11.3	5254.6
01021	5262.6	17.3 15.0	5246.1 5247.6
01022	5263.3	16.9	5247.6
01023	5262.7	34.0	5228.7
01024	5238.2	3.2	5235.0
01025	5238.4	4.1	5234.3
01027	5258.6	12.0	5246.6
01028	5258.8	13.4	5245.4
01029	5258.7	36.3	5222.4
01030 01031	5260.6	11.4	5249.2
01031	5262.9 5260.8	14.3 18.8	5248.6
01032	5256.2	8.3	5242.0 5247.9
01034	5254.2	12.9	5241.3
01035	5254.5	13.0	5241.5
01036	5258.1	15.8	5242.3
01037	5258.1	19.2	5238.9
01038	5254.4	8.5	5245.9
01039	5254.4	9.0	5245.4
01040 01041	5254.4	14.5	5239.9
01041	5255.8 5255.8	8.3 30.5	5247.5
01044	5264.8	16.7	5225.3 5248.1
01045	5264.8	22.6	5242.2
01046	5264.8	65.6	5199.2
01047	5255.3	8.5	5246.8
01048	5255.3	56.1	5199.2
01049	5274.4	27.8	5246.6

TASK 4 WATER LEVELS, SUMMER 1986 CORRECTED ELEVATIONS

WELL	GROUND LEVEL ELEVATION (FT)	CORRECTED DEPTH (FT)	WATER LEVEL ELEVATION (FT)
01050 01501 01510	5274.4 5267.7 5265.8	28.3 7.3 11.4	5246.1 5260.4 5254.4
01514 01518 01522	5269.7 5271.4 5263.5	9.3	5260.4 5260.1
01528 01534	5270.1 5266.3	8.5 13.3 8.5	5255.0 5256.8 5257.8
01537 01554 01568	5282.9 5268.4 5270.1	28.7 11.6 9.2	5254.2 5256.8 5260.9
01586 01588	5256.4 5262.0	13.6 14.7	5242.8 5247.3
02001 02005 02007	5230.8 5275.5 5263.1	9.6 16.7 15.5	5221.2 5258.8 5247.6
02008 02009 02011	5202.3 5202.1 5242.6	6.3 24.2 35.6	5196.0 5177.9 5207.0
02012 02013 02014	5242.8 5242.6	36.2 63.6	5206.6 5179.0
02015 02018	5221.3 5221.1 5260.6	24.9 34.9 31.9	5196.4 5186.2 5228.7
02019 02020 02021	5260.4 5227.9 5227.7	46.3 8.6 11.7	5214.1 5219.3 5216.0
02022 02023 02024	5227.9 5236.3	28.5 11.1	5199.4
02025 02026	5236.4 5236.4 5229.2	12.0 27.5 7.3	5224.4 5208.9 5221.9
02027 02028 02030	5229.8 5229.6 5266.4	8.2 12.6 14.1	5221.6 5217.0 5252.3
02031 02032 02034	5266.0 5265.1 5238.0	62.3 23.9 10.6	5203.7 5241.2 5227.4
02035 02036 02037	5238.0 5238.0 5233.1	10.8 23.8	5227.2 5214.2
02038 02039	5233.1 5233.1	12.4 12.7 26.9	5220.7 5220.4 5206.2

WELL	GROUND LEVEL ELEVATION (FT)	CORRECTED DEPTH (FT)	WATER LEVEL ELEVATION (FT)
WELL 02043 02044 02045 02046 02520 02545 02545 02578 02580 02583 02585 03001 03002 03004 03005 03006 03007 03008 03009 03010 03516 03517 03518 03522 03523			
03523 03526 04001 04002 04004 04007 04008 04009 04010 04011 04012 04013 04014 04015 04016 04017 04019 04020 04021	5204.2 5185.4 5181.4 5171.1 5169.6 5172.7 5172.8 5172.7 5193.6 5193.6 5190.3 5190.4 5190.4 5190.4 5190.3 5185.4 5185.1 5184.9 5191.2	63.0 60.6 56.2 48.6 48.3 50.6 51.1 86.3 66.4 67.6 67.7 67.6 67.7	5141.2 5124.8 5125.2 5122.5 5121.3 5122.1 5121.7 5086.4 5127.2 5127.5 5116.6 5122.7 5122.7 5122.7 5122.7 5123.7 5124.5 5124.3 5121.9

TASK 4 WATER LEVELS, SUMMER 1986 CORRECTED ELEVATIONS

WELL	GROUND LEVEL ELEVATION (FT)	CORRECTED DEPTH (FT)	WATER LEVEL ELEVATION (FT)
04022	5191.3	69.2	5122.1
04023	5191.3	69.2	5122.1
04024 04025	5190.2 5190.4	68.8 69.1	5121.4 5121.3
04025	5190.2	63.5	5121.3
04027	5190.2	63.7	5126.5
04028	5190.2	63.4	5126.8
04029	5190.0	63.2	5126.8
04030	5196.8	62.6	5134.2
04031	5196.8	62.6	5134.2
04032	5196.8	62.7	5134.1
04033	5196.9	62.8	5134.1
04524	5197.0	57.2	5139.8
04525	5198.8	58.9	5139.9
04527 04528	5185.5 5190.1	61.4 67.2	5124.1 5122.9
04529	5191.3	69.1	5122.2
04532	5187.5	63.1	5124.4
05001	5294.0	19.6	5274.4
05002	5290.9	20.1	5270.8
05003	5290.4	20.6	5269.8
06002	5259.5	9.3	5250.2
06003	5247.5	13.7	5233.8
06004	5247.4	13.1	5234.3
06005 07001	5247.6 5297.1	13.2	5234.4
07003	5297.1	9.4 DRY	5287.7 DRY
07003	5293.5	46.3	• 5247.2
07005	5292.8	46.8	5246.0
08002	5321.0	18.2	5302.8
08003	5290.2	4.3	5285.9
08004	5290.6	4.7	5285.9
08005	5290.2	45.0	5245.2
09001	5194.0	52.1	5141.9
09002	5207.9	64.3	5143.6
09003 09004	5209.0	67.5	5141.5
09004	5208.1 5210.1	68.2 56.7	5139.9 5153.4
09006	5200.0	47.8	5153.4
09007	5210.8	56.1	5154.7
11002	5250.4	11.3	5239.1
11003	5250.1	16.1	5234.0
11004	5250.1	24.6	5225.5

WELL	GROUND LEVEL ELEVATION (FT)	CORRECTED DEPTH (FT)	WATER LEVEL ELEVATION (FT)
12001 12002	5280.5 5268.5	5.4 13.4	5275.1 5255.1
12002	5268.7	24.1	5244.6
12004	5268.9	14.0	5254.9
19001	5172.1	3.9	5168.2
19002	5175.7	DRY	DRY
19003	5179.9	16.2	5163.7
19004	5163.6	6.9	5156.7
19005	5160.8	6.3	5154.5
19006	5161.0	6.8	5154.2 5153.3
19007	5163.9	10.6 DRY	DRY
19009	5204.2	DRY	DRY
19010	5208.3 5202.9	32.7	5170.2
19011 19014	5203.9	DRY	DRY
19015	5204.6	37.2	5167.4
19016	5203.4	55.9	- 5147.5
19017	5186.1	19.7	5166.4
19018	5186.0	22.7	5163.3
19019	5186.0	26.4	5159.6
22002	5147.4	53.6	5093.8
22003	5124.3	30.2	5094.1
22004	5135.4	28.6	5106.8 5089.9
22005	5127.5	37.6 19.0	5109.7
22006	5128.7 5131.5	39.2	5092.3
22008	5130.4	41.0	5089.4
22015 22016	5129.3	40.5	. 5088.8
22017	5129.6	39.7	5089.9
22017	5123.8	33.9	5089.9
22019	5120.5	27.3	5093.2
22020	5120.9	27.4	5093.5
22021	5121.0	28.1	5092.9
22022	5121.1	27.7	5093.4
22023	5121.5	30.0	5091.5
22024	5121.6	29.9	5091.7
22027	5155.1	47.2	5107.9 5101.5
22028	5155.0	53.5	5099.9
22030	5141.5	41.6	5098.0
22031	5141.4	43.4 35.9	5092.5
22045	5128.4 5144.5	34.1	5110.4
22049 22050	5144.5	33.2	5106.8
22030	2140.0	33.2	

TASK 4 WATER LEVELS, SUMMER 1986 CORRECTED ELEVATIONS

WELL	GROUND LEVEL ELEVATION (FT)	CORRECTED DEPTH (FT)	WATER LEVEL ELEVATION (FT)
22051	5130.1	43.3	5086.8
22052 22053	5132.6	41.5	5091.1
22053	5134.4	43.2	5091.2
22056	5151.7 5124.7	39.3 31.8	5112.4
22059	5132.9	43.4	5092.9 5089.5
22060	5134.7	28.8	5105.9
23002	5191.5	48.1	5143.4
23003	5190.3	47.0	5143.3
23004	5165.9	23.3	5142.6
23007	5180.3	36.9	5143.4
23008	5185.5	41.7	5143.8
23009	5158.5	16.6	5141.9
23010	5152.3	12.6	5139.7
23011	5158.0	16.9	5141.1
23012 23013	5163.4	21.5	5141.9
23013	5171.3 5178.7	27.3 35.7	5144.0
23015	5181.0	37.7	5143.0 5143.3
23016	5185.1	41.5	5143.6
23025	5153.0	15.2	5137.8
23026	5146.6	9.3	5137.3
23029	5157.6	16.6	5141.0
23030	5157.3	16.6	5140.7
23033	5166.0	24.6	5141.4
23034	5187.4	43.0	5144.4
23035	5187.3	DRY	DRY
23036 23037	5182.7	39.6	5143.1
23038	5182.6 5136.4	DRY	DRY
23039	5140.3	DRY 20.5	DRY 5119.8
23040	5143.8	DRY	DRY
23043	5148.1	16.9	5131.2
23044	5148.2	17.4	5130.8
23045	5149.7	20.5	5129.2
23046	5149.3	21.3	5128.0
23047	5145.0	17.2	5127.8
23048	5143.4	15.6	5127.8
23050	5184.0	41.9	5142.1
23051 23052	5165.6	23.2	5142.4
23053	5163.6 5166.5	20.8	5142.8
23054	5166.5 5187.5	20.2	5146.3
	3107.3	45.2	5142.3

WELL	GROUND LEVEL ELEVATION (FT)	CORRECTED DEPTH (FT)	WATER LEVEL ELEVATION (FT)
23055 23056	5185.2 5183.4	42.1 36.4	5143.1 5147.0
23057	5177.1	DRY	DRY
23058	5180.9	38.8	5142.1
23059	5176.0	29.3	5146.7
23063	5154.7	DRY	DRY
23064	5150.8	DRY	DRY
23065	5141.6	DRY	DRY
23066 23067	5133.7	DRY	DRY
23070	5163.2 5162.5	19.6 18.7	5143.6 5143.8
23072	5160.3	18.3	5142.0
23072	5170.8	31.1	5139.7
23084	5162.5	20.9	5141.6
23085	5162.8	21.9	5140.9
23092	5172.0	42.4	5129.6
23094	5183.7	40.8	-5142.9
23095	5178.8	35.4	5143.4
23096	5172.0	29.3	5142.7
23097 23099	5172.0 5171.8	29.6	5142.4
23101	5171.8	29.4 25.4	5142.4 5144.6
23101	5170.0	25.4	5144.6
23102	5171.0	26.9	5144.1
23106	5168.8	26.2	5142.6
23107	5177.4	34.0	5143.4
23109	5187.3	41.1	5146.2
23110	5146.2	17.2	. 5129.0
23111 23118	5150.8	20.0	5130.8
23119	. 5148.3 5148.6	10.7 10.1	5137.6
23122	5148.4	10.6	5138.5 5137.8
23123	5155.6	17.3	5138.3
23124	5146.0	12.3	5133.7
23125	5146.1	6.8	5139.3
23128	5187.0	40.6	5146.4
23130	5193.1	DRY	DRY
23134	5165.2	22.8	5142.4
23135 23140	5185.6 5189.1	39.7	5145.9
23141	5189.1 5188.6	46.0 42.3	5143.1
23142	5189.2	46.1	5146.3 5143.1
23143	5193.6	50.1	5143.5

TASK 4 WATER LEVELS, SUMMER 1986 CORRECTED ELEVATIONS

WELL	GROUND LEVEL ELEVATION (FT)	CORRECTED DEPTH (FT)	WATER LEVEL ELEVATION (FT)
23145	5152.3	12.7	5139.6
23146	5154.6 5158.3 5166.8 5173.1 5155.8 5156.9 5153.0 5145.6 5147.4 5145.9 5146.8 5182.8	DRY	DRY
23149	5158.3	DRY	DRY
23150	5166.8	DRY	DRY
23151	5173.1	32.1	5141.0
23157	5155.8	18.1	5137.7
23160	5156.9	16.4	5140.5
23161	5153.0	25.6	5127.4
23162	5153.0	41.9	5111.1 5133.8
23166	5145.6	11.8	5133.8
23176 23177	5147.4	12.4 10.1	5135.0
23178	5145.9	12.7	5135.8 5134.1
23179	5182 8	39.6	5143.2
23180	5182.8	39.9	5142.9
23181	5182.8	39.9	5142.9
23182	5145.9	31.9	5114.0
23183	5145.0	33.2	5111.8
23184	5145.6	33.5	5112.1
23185	5179.6	36.5	5143.1
23186	5180.6	49.0	5131.6
23187	5180.5	59.9	5120.6
23189	5182.4	39.9	5142.5
23190	5182.3	40.2	5142.1
23191	5191.9	48.8	5143.1
23192	5192.1	50.0	5142.1
23193	5192.0	54.6	5137.4
23196 23197	5136.6	14.1	5122.5
23198	5139.2	13.6	5125.6
23199	5142.3	14.2 7.7	5128.1 5136.6
23200	5147.0	16.6	5130.4
23201	5146.6	18.0	5128.6
23202	5143.8	13.5	5130.3
23203	5147.1	16.4	5130.7
23204	5148.9	16.0	5132.9
23205	5149.8	10.8	5139.0
23207	5151.5	11.4	5140.1
23208	5157.0	16.3	5140.7
23209	5148.8	12.2	5136.6
23210	5148.4	114.5	5033.9
23211	5163.0	22.5	5140.5
24001	5169.5	27.5	5142.0

WELL	GROUND LEVEL ELEVATION (FT)	CORRECTED DEPTH (FT)	WATER LEVEL ELEVATION (FT)
24002 24003	5173.0 5153.1	29.2 5.1	5143.8 5148.0
24004	5141.1	11.7	5129.4
24006	5148.2	DRY	DRY
24007	5159.2	18.2	5141.0
24008	5161.8	20.0	5141.8
24009	5170.4	28.2	5142.2
24010	5176.6	35.2	5141.4
24011 24013	5180.5	DRY	DRY
24013	5152.3 5152.3	13.6 13.4	5138.7
24015	5151.9	13.4	5138.9 5138.9
24016	5150.7	12.0	5138.7
24017	5148.8	10.0	5138.8
24018	5153.3	14.3	5139.0
24019	5151.9	12.2	5139.7
24020	5151.9	12.5	5139.4
24021	5151.7	12.7	5139.0
24022 24023	5154.3	15.1	5139.2
24023	5160.1 5152.5	20.0	5140.1
24025	5150.8	13.7 12.4	5138.8 5138.4
24026	5139.2	6.1	5133.1
24027	5171.4	28.7	5142.7
24043	5168.5	26.1	5142.4
24045	5168.2	25.9	5142.3
24046	5168.3	26.5	5141.8
24048	5167.6	25.1	5142.5
24049 24050	5169.8 5168.4	28.1	5141.7
24050	5168.3	25.8 26.3	5142.6
24052	5168.0	25.9	5142.0 5142.1
24053	5167.7	22.7	5142.1
24054	5163.5	21.5	5142.0
24055	5156.8	16.2	5140.6
24057	5156.3	17.7	5138.6
24058	5157.7	18.7	5139.0
24062 24063	5150.7	12.0	5138.7
24064	5170.3 5164.9	22.2	5148.1
24065	5170.0	13.3 15.5	5151.6
24080	5189.3	28.1	5154.5 5161.2
24081	5189.0	23.8	5165.2

TASK 4 WATER LEVELS, SUMMER 1986 CORRECTED ELEVATIONS

WELL	GROUND LEVEL ELEVATION (FT)	CORRECTED DEPTH (FT)	WATER LEVEL ELEVATION (FT)
24082	5183.9	17.8	5166.1
24083	5181.3	15.0	5166.3
24085	5181.9	15.7	5166.2
24086	5181.3	15.8	5165.5
24087	5172.9	7.6	5165.3
24088	5171.7	12.5	5159.2
24089	5173.6	13.4	5160.2
24090	5180.2	DRY	DRY
24091	5176.2	33.9	5142.3
24092	5172.9	33.1	5139.8
24093	5171.5	18.0	5153.5
24094	5168.8	12.7	5156.1
24095 24096 24097 24098 24099 24100 24101	5165.0 5155.0 5159.1 5158.7 5155.6 5157.6	9.4 6.9 11.0 11.9 11.9	5155.6 5148.1 5148.1 5146.8 5143.7 5142.9
24101	5159.3	19.2	5140.1
24102	5150.6	10.2	5140.4
24103	5148.4	8.9	5139.5
24104	5145.0	4.6	5140.4
24106	5148.5	6.6	5141.9
24107	5168.5	21.2	5147.3
24108	5187.2	33.8	5153.4
24109	5181.6	40.9	5140.7
24110	5155.2	9.7	5145.5
24111	5178.5	19.2	5159.3
24112	5177.6	17.9	5159.7
24113	5164.2	23.0	5141.2
24114	5160.9	21.2	5139.7
24115 24117 24120 24121 24122 24123 24124	5152.8 5144.6 5184.9 5187.1 5188.4 5190.6 5192.3	13.4 3.5 42.5 43.3 31.3 33.1	5139.4 5141.1 5142.4 5143.8 5157.1 5157.5 5159.2
24125	5187.8	24.6	5163.2
24126	5167.2	17.2	5150.0
24127	5156.6	17.4	5139.2
24128	5156.2	16.8	5139.4
24129	5155.4	16.2	5139.2

WELL	GROUND LEVEL ELEVATION (FT)	CORRECTED DEPTH (FT)	WATER LEVEL ELEVATION (FT)
24130	5149.4	10.9	5138.5
24135	5157.8	18.6 18.5	5139.2 5139.3
24136	5157.8 5157.8	19.0	5138.8
24136 24137	5157.8	19.5	5138.3
24137	5143.5	11.1	5132.4
24150	5143.4	11.5	5131.9
24151	5151.5	13.2	5138.3
24158	5158.1	8.0	5150.1
24159	5158.1	11.6	5146.5
24161	5142.9	11.3	5131.6
24162	5139.7	4.6	5135.1
24163	5139.3	5.2	5134.1
24164	5138.4	5.5	5132.9
24165	5138.6	8.5	5130.1 5128.8
24166	5142.3	13.5 17.8	- 5134.2
24167	5152.0 5151.6	17.7	5133.9
24168 24169	5149.3	16.1	5133.2
24170	5141.2	5.0	5136.2
24171	5140.7	8.6	5132.1
24172	5140.6	5.0	5135.6
24174	5142.5	9.2	5133.3
24175	5142.8	9.7	5133.1
24177	5151.5	15.2	5136.3
24178	5147.5	9.3	5138.2
24179	5144.7	7.5	5137.2
24181	5141.6	5.7	5135.9
24182	5140.5	5.4	5135.1
24184	5145.5	7.6 6.9	5137.9 5136.3
24185	5143.2 5140.4	5.1	5135.3
24186	5146.4	11.5	5134.9
24188	5207.5	13.8	5193.7
25001 25003	5192.6	39.8	5152.8
25003	5263.0	41.5	5221.5
25007	5197.1	16.2	5180.9
25008	5236.0	53.5	5182.5
25009	5236.9	60.2	5176.7
25010	5236.4	63.6	5172.8
25012	5188.1	6.9	5181.2
25013	5188.1	9.2	5178.9
25014	5187.7	24.6	5163.1

TASK 4 WATER LEVELS, SUMMER 1986 CORRECTED ELEVATIONS

WELL	GROUND LEVEL ELEVATION (FT)	CORRECTED DEPTH (FT)	WATER LEVEL ELEVATION (FT)
25015	5196.5	35.4	5161.1
25016	5196.5	40.5	5156.0
25017	5196.5	42.9	5153.6
25017 25018 25019	5188.7 5188.7	21.5	5167.2 5164.6
25020	5188.7	38.6	5150.1
25021	5253.9	77.4	5176.5
25022	5262.3	48.1	5214.2
25023	5262.9	49.1	5213.8
25024	5262.4	60.1	5202.3
25026	5248.6	67.6	5181.0
25028	5222.9	41.8	5181.1
25029	5223.1	51.3	5171.8
25030	5219.5	DRY	DRY
25031	5219.4	46.9	5172.5
25032	5267.2	DRY	DRY
25033	5267.3	84.9	5182.4
25034	5267.0	91.7	5175.3
25035	5269.6	38.7	5230.9
25037	5269.9	90.1	5179.8
25038	5213.1	20.6	5192.5
25039	5213.2	20.2	5193.0
25040	5213.4	21.1	5192.3
26001	5190.2	DRY	DRY
26002 26005 26006	5170.6 5191.6	20.0 32.1	5150.6 5159.5
26009 26010	5184.0 5173.4 5204.4	22.2 44.3 40.4	5161.8 5129.1 5164.0
26011	5189.2	42.8	5146.4
26015	5192.5	46.4	5146.1
26015	5192.5	46.4	5146.1
26016	5188.8	42.2	5146.6
26017	5190.3	43.3	5147.0
26018	5193.6		5146.3
26019 26020 26022	5191.9 5190.5 5191.4	42.4 41.0 40.9	5149.5 5149.5
26023 26024	5192.8 5195.3	42.6 43.5	5150.5 5150.2 5151.8
26025	5200.4	44.3	5156.1
26026	5200.2	42.5	5157.7
26027	5201.0	39.8	5161.2

TASK 4 WATER LEVELS, SUMMER 1986 CORRECTED ELEVATIONS

26028 5200.0 38.9 5161.1 26029 5202.1 37.0 5165.1 26040 5195.9 47.9 5148.0 26041 5187.2 40.7 5146.5 26044 5188.4 43.5 5144.9 26046 5188.2 42.4 5145.8 26047 5187.0 41.8 5145.2 26048 5172.1 21.8 5150.3 26050 5190.7 32.6 5158.1 26050 5190.7 32.6 5158.1 26052 5210.7 43.0 5167.7 26052 5210.7 43.0 5167.7 26052 5210.7 43.0 5167.7 26053 5208.6 21.8 5186.8 26060 5198.3 46.0 5152.3 26061 5173.7 27.1 5146.6 26062 5183.4 16.5 5166.9 26063 5209.3 34.0 5175.2 26064 </th <th>WELL</th> <th>GROUND LEVEL ELEVATION (FT)</th> <th>CORRECTED DEPTH (FT)</th> <th>WATER LEVEL ELEVATION (FT)</th>	WELL	GROUND LEVEL ELEVATION (FT)	CORRECTED DEPTH (FT)	WATER LEVEL ELEVATION (FT)
26040 5195.9 47.9 5148.0 26044 5187.2 40.7 5146.5 26044 5188.4 43.5 5144.9 26046 5188.2 42.4 5145.8 26047 5187.0 41.8 5145.2 26048 5172.1 21.8 5150.3 26050 5190.7 32.6 5158.1 26050 5190.7 32.6 5158.1 26052 5210.7 43.0 5167.7 26058 5208.6 21.8 5186.8 26060 5198.3 46.0 5152.3 26061 5173.7 27.1 5146.6 26062 5183.4 16.5 5166.9 26063 5209.3 24.9 5184.4 26064 529.3 34.9 5184.4 26065 5198.7 33.8 5159.9 26066 5198.7 38.8 5159.9 26067 5198.7 38.8 5159.9 26068 518.4 36.4 5152.0 26071 5199.0 <t< td=""><td></td><td></td><td></td><td></td></t<>				
26041 5187.2 40.7 5146.5 26046 5188.4 43.5 5144.9 26046 5188.2 42.4 5145.8 26047 5187.0 41.8 5145.2 26048 5172.1 21.8 5150.3 26050 5190.7 32.6 5158.1 26050 5190.7 32.6 5158.1 26052 5210.7 43.0 5167.7 26058 5208.6 21.8 5186.8 26060 5198.3 46.0 5152.3 26061 5173.7 27.1 5146.6 26062 5183.4 16.5 5166.9 26063 5209.3 24.9 5184.4 26064 5209.3 34.0 5175.3 26066 5198.7 38.8 5159.9 26067 5198.7 38.8 5159.9 26067 5198.7 38.8 5159.9 26068 5188.4 27.2 5161.2 26071 5199.0 38.3 5160.7 26073 5223.0				
26044 5188.4 43.5 5144.9 26046 5188.2 42.4 5145.8 26047 5187.0 41.8 5145.2 26048 5172.1 21.8 5150.3 26050 5190.7 32.6 5158.1 26050 5190.7 32.6 5158.1 26052 5210.7 43.0 5167.7 26058 5208.6 21.8 5186.8 26060 5198.3 46.0 5152.3 26061 5173.7 27.1 5146.6 26062 5183.4 16.5 5166.9 26063 5209.3 24.9 5184.4 26064 5209.3 24.9 5184.4 26065 5198.7 33.8 5164.9 26066 5198.7 38.8 5159.9 26067 5198.7 38.8 5159.9 26067 5198.7 38.8 5159.9 26068 5188.4 27.2 5161.2 26071 5199.0 38.3 5160.7 26073 5223.0				
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26047 5187.0 41.8 5145.2 26048 5172.1 21.8 5150.3 26050 5190.7 32.6 5158.1 26050 5190.7 32.6 5158.1 26052 5210.7 43.0 5167.7 26058 5208.6 21.8 5186.8 26060 5198.3 46.0 5152.3 26061 5173.7 27.1 5146.6 26062 5181.4 16.5 5166.9 26063 5209.3 24.9 5144.4 26064 5299.3 34.0 5175.3 26066 5198.7 33.8 5164.9 26067 5198.7 38.8 5159.9 26068 5198.7 38.8 5159.9 26069 5188.4 27.2 5161.2 26069 5188.4 27.2 5161.2 26071 5199.0 38.3 5160.7 26073 5223.0 46.0 5177.0 26074 5223.0 53.7 5169.3 26080 5175.1				
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26058 5208.6 21.8 5186.8 26060 5198.3 46.0 5152.3 26061 5173.7 27.1 5146.6 26062 5183.4 16.5 5166.9 26063 5209.3 24.9 5184.4 26064 5209.3 34.0 5175.3 26067 5198.7 33.8 5164.9 26067 5198.7 38.8 5159.9 26068 5188.4 27.2 5161.2 26069 5188.4 36.4 5152.0 26071 5199.0 38.3 5160.7 26073 5223.0 46.0 5177.0 26074 5223.0 45.4 5177.6 26075 5223.0 53.7 5169.3 26076 5183.8 31.9 5151.9 26080 5175.1 28.8 5146.3 26081 5173.8 25.7 5148.1 26082 5173.8 26.7 5147.1 26083 5172.8 21.5 5151.3 26084 5172.8				
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26085 5210.5 30.9 5179.6 26086 5210.5 36.9 5173.6 26088 5172.0 27.3 5144.7 26089 5172.0 26.9 5145.1 26090 5172.0 26.7 5145.3 26091 5179.4 19.7 5159.7 26092 5179.4 24.6 5154.8 26093 5183.0 17.6 5165.4 26096 5207.1 15.2 5191.9 26097 5240.6 56.5 5184.1	26083	5172.8		
26086 5210.5 36.9 5173.6 26088 5172.0 27.3 5144.7 26089 5172.0 26.9 5145.1 26090 5172.0 26.7 5145.3 26091 5179.4 19.7 5159.7 26092 5179.4 24.6 5154.8 26093 5183.0 17.6 5165.4 26096 5207.1 15.2 5191.9 26097 5240.6 56.5 5184.1	26084		23.2	5149.6
26088 5172.0 27.3 5144.7 26089 5172.0 26.9 5145.1 26090 5172.0 26.7 5145.3 26091 5179.4 19.7 5159.7 26092 5179.4 24.6 5154.8 26093 5183.0 17.6 5165.4 26096 5207.1 15.2 5191.9 26097 5240.6 56.5 5184.1	26085		30.9	
26089 5172.0 26.9 5145.1 26090 5172.0 26.7 5145.3 26091 5179.4 19.7 5159.7 26092 5179.4 24.6 5154.8 26093 5183.0 17.6 5165.4 26096 5207.1 15.2 5191.9 26097 5240.6 56.5 5184.1				
26090 5172.0 26.7 5145.3 26091 5179.4 19.7 5159.7 26092 5179.4 24.6 5154.8 26093 5183.0 17.6 5165.4 26096 5207.1 15.2 5191.9 26097 5240.6 56.5 5184.1				
26091 5179.4 19.7 5159.7 26092 5179.4 24.6 5154.8 26093 5183.0 17.6 5165.4 26096 5207.1 15.2 5191.9 26097 5240.6 56.5 5184.1				
26092 5179.4 24.6 5154.8 26093 5183.0 17.6 5165.4 26096 5207.1 15.2 5191.9 26097 5240.6 56.5 5184.1				
26093 5183.0 17.6 5165.4 26096 5207.1 15.2 5191.9 26097 5240.6 56.5 5184.1				
26096 5207.1 15.2 5191.9 26097 5240.6 56.5 5184.1				
26097 5240.6 56.5 5184.1				
3137.1	26123	5197.4	40.3	5157.1

TASK 4 WATER LEVELS, SUMMER 1986 CORRECTED ELEVATIONS

WELL	GROUND LEVEL ELEVATION (FT)	CORRECTED DEPTH (FT)	WATER LEVEL ELEVATION (FT)
26124 26126 26127 26128 26129 26130 26133	5195.1 5192.7 5203.8 5203.8 5203.8 5183.4 5187.8 5197.7 5197.7 5197.7 5185.5 5221.6 5221.6 5221.6	39.7 45.1 39.5 38.0 39.1 30.2	5155.4 5147.6 5164.3 5165.8 5164.7 5153.2
26134 26135 26136 26140 26141 26142	5187.8 5197.7 5197.7 5185.5 5221.6 5221.6	40.7 44.8 45.5 46.1 54.9 66.5 66.4	5147.1 5152.9 5152.2 5139.4 5166.7 5155.1 5155.2
26143 26146 26147 27002 27003 27004 27005	5220.9 5170.4 5169.5 5134.2 5144.2 5125.6 5127.8	44.9 32.5 34.6 39.3 46.2 31.5	5176.0 5137.9 5134.9 5094.9 5098.0 5094.1
27006 27007 27009 27010 27011 27012	5127.1 5127.2 5130.0 5126.5 5128.0 5167.3	32.9 31.9 34.4 32.9 34.1 18.2	5094.2 5095.3 5095.6 5093.6 5093.9 5149.1
27016 27025 27030 27037 27040 27041 27042	5163.9 5163.4 5162.7 5140.2 5152.1 5149.7 5158.6	18.5 37.0 42.0 37.1 30.8 35.1 51.8	5145.4 5126.4 5120.7 5103.1 5121.3 5114.6 5106.8
27043 27044 27045 27049 27051 27053 27054 27055 27057 27058	5141.3 5133.3 5135.7 5177.9 5167.7 5155.1 5154.8 5154.7 5139.2 5139.3	37.2 32.9 41.1 34.6 37.1 52.6 60.0 57.1 41.2	5104.1 5100.4 5094.6 5143.3 5130.6 5102.5 5094.8 5097.6 5098.0 5098.1

TASK 4 WATER LEVELS, SUMMER 1986 CORRECTED ELEVATIONS

WELL	GROUND LEVEL ELEVATION (FT)	CORRECTED DEPTH (FT)	WATER LEVEL ELEVATION (FT)
27062	5133.6	39.5	5094.1
27063	5129.1	35.2	5093.9
27064	5130.3	36.3	5094.0
27066	5130.7	36.4	5094.3
27068	5130.8	36.3	5094.5
27070	5131.4	36.8	5094.6
27071	5132.0	37.3	5094.7
27072	5129.9	34.0	5095.9
27073	5142.0	44.3	5097.7
27074	5136.8	39.9	5096.9
27075	5142.8	46.5	5096.3
27076	5143.5	47.5	5096.0
27077	5142.0	46.5	5095.5
27078 27079 27080	5141.5 5146.9 5145.6	46.0 27.0 25.4	5095.5 5119.9
27081 27082	5147.6 5148.8	24.2 37.1	5120.2 5123.4 5111.7
27083	5144.8	42.0	5102.8
28002	5124.6		5095.8
28003	5130.7	34.8	5095.9
28004	5137.0	40.1	5096.9
28005 28006 28007	5132.8 5131.8	35.6 34.0	5097.2 5097.8
28007 28008 28009	5133.1 5135.1 5129.9	34.8 36.8 30.7	5098.3 5098.3
28011 28012	5138.1 5132.4	38.5 32.3	5099.2 5099.6 5100.1
28013	. 5135.3	35.2	5100.1
28014	5142.0	42.1	5099.9
28015	5142.4	41.7	5100.7
28018	5145.0	44.1	5100.9
28020 28021 28022	5139.7 5141.0 5140.6	39.1 40.2	5100.6 5100.8
28023 28024	5132.2 5132.2	37.3 33.9 35.0	5103.3 5098.3 5097.2
28025	5132.2	36.1	5096.1
28026	5132.3	36.1	5096.2
28027 28028 28029	5139.4 5139.7 5139.7	38.9 39.6	5100.5 5100.1
28029	5139.7	41.8	5097.9

TASK 4 WATER LEVELS, SUMMER 1986 CORRECTED ELEVATIONS

WELL	GROUND LEVEL ELEVATION (FT)	CORRECTED DEPTH (FT)	WATER LEVEL ELEVATION (FT)
WELL 28030 28503 28503 28513 29002 29003 30004 30005 30006 30007 30008 30009 30010 30011 31002 31003 31005 31006 31007 31008 31009 31010 31011 32001 32002 32003 33001 33002 33014 33015			
33016 33017 33018 33019 33020 33021 33022 33023 33024 33025 33026 33027 33028	5155.9 5173.3 5166.5 5166.5 5166.3 5166.2 5165.8 5165.5 5165.3 5155.0 5154.6 5153.8 5167.5	44.8 56.6 69.8 69.6 69.5 69.3 69.0 68.5 68.5 54.8 53.4 52.9	5111.1 5116.7 5096.7 5096.9 5096.8 5096.9 5096.8 5097.0 5096.8 5100.2 5101.2 5100.9 5038.3

TASK 4 WATER LEVELS, SUMMER 1986 CORRECTED ELEVATIONS

WELL	GROUND LEVEL ELEVATION (FT)	CORRECTED DEPTH (FT)	WATER LEVEL ELEVATION (FT)
33029	5167.3	78.4	5088.9
33030	5172.0	56.2	5115.8
33031	5172.0	63.2	5108.8
33032	5171.8	64.3	5107.5
33033	5149.1	39.5	5109.6
33034	5149.2	39.7	5109.5
33035	5149.0	40.2	5108.8
33038	5169.0	65.4	5103.6
33039	5158.3	54.2	5104.1
33040	5178.0	72.4	5105.6
33041	5174.8	69.0	5105.8
33042	5162.1	55.5	5106.6
33043	5168.7	57.8	5110.9
33044	5172.3	62.0	5110.3
33045	5175.0	64.5	5110.5
33046	5173.1	57.3	5115.8
33047	5188.1	67.8	- 5120.3
33048	5155.4	66.1	5089.3
33049	5156.6	65.6	5091.0
33050	5159.2	65.8	5093.4
33051	5155.1	55.0	5100.1
33052	5155.4	55.2	5100.2
33053	5156.0	55.9	5100.1
33054	5155.8	55.6	5100.2
33056	5153.2	53.6	5099.6
33057	5150.4	51.2	5099.2
33058	5146.5	47.0	5099.5
33059	5161.0	63.2	5097.8
33060	5158.9	54.2	5104.7
33061	5158.7	53.9	5104.8
33062	5173.5	DRY	DRY
33063	5173.5	68.2	5105.3
33064	5161.5	52.0	5109.5
33065	5161.4	52.0	5109.4
33066	5161.4	52.2	5109.2
33067	5161.4	52.3	5109.1
33068	5161.5	53.1	5108.4
33069	5161.5	52.9	5108.6
33072	5150.6	50.3	5100.3
33073	5142.8	42.4	5100.4
33500	5150.6	45.4	5105.2
33501	5150.3	35.7	5114.6
33502	5155.9	45.8	5110.1

TASK 4 WATER LEVELS, SUMMER 1986 CORRECTED ELEVATIONS

WELL	GROUND LEVEL ELEVATION (FT)	CORRECTED DEPTH (FT)	WATER LEVEL ELEVATION (FT)
33506 33507 33508	5147.9 5144.6 5155.5	45.0 43.1	5102.9 5101.5
33509 33510	5147.7 5153.2	DRY 44.8 46.7	DRY 5102.9
33511 33512	5151.4 5154.7	44.3 47.3	5106.5 5107.1 5107.4
33514 33530	5174.6 5165.8	55.0 DRY	5119.6 DRY
33531 33533	5162.0 5144.0	51.8 42.6	5110.2 5101.4
33534 33576 33577	5156.2 5152.1 5153.3	53.1 46.3 50.1	5103.1 5105.8
33577 33580	5153.3 5153.1	50.1 50.1 52.3	5103.2 5103.2 5100.8
33581 33582	5156.2 5252.5	55.2 50.7	5101.0 5201.8
33582 33583 34002	5252.5 5151.7 5189.5	50.7 49.1	5201.8 5102.6
34003 34004	5190.1 5189.9	67.5 68.6 69.2	5122.0 5121.5 5120.7
34005 34005	5181.5 5181.5	65.1 65.1	5116.4 5116.4
34006 34007 34008	5181.4 5181.6	65.0 64.6	5116.4 5117.0
34009 34010	5164.6 5164.8 5164.6	53.8 54.0 53.9	5110.8 5110.8 5110.7
34515 35005	5164.2 5209.3	43.7	5120.5 5180.1
35006 35007 35008	5232.3 5210.1	41.1	5191.2 5190.1
35009 35012	5226.5 5216.3 5214.3	22.2 20.4 21.6	5204.3 5195.9 5192.7
35013 35014	5269.4 5263.5	15.6 14.0	5253.8 5249.5
35015 35016 35017	5261.0 5214.8 5214.8	20.9 25.1	5240.1 5189.7
35018	5209.6	22.0 19.5	5192.8 5190.1

TASK 4 WATER LEVELS, SUMMER 1986 CORRECTED ELEVATIONS

WELL	GROUND LEVEL ELEVATION (FT)	CORRECTED DEPTH (FT)	WATER LEVEL ELEVATION (FT)
35023	5240.8	7.1	5233.7
35024	5240.8	7.0	5233.8
35025	5240.9	12.0	5228.9
35026 35027 35028	5241.1 5241.1	15.6 28.4	5225.5 5212.7
35030 35031	5241.1 5250.4 5200.1	16.7 15.3 24.4	5224.4 5235.1 5175.7
35032	5200.1	29.5	5170.6
35033	5200.1	37.0	5163.1
35036	5207.0	27.2	5179.8
35037	5202.5	34.2	5168.3
35038	5202.5	34.4	5168.1
35040	5191.3	23.5	5167.8
35041	5191.3	43.2	5148.1
35047	5232.5	16.1	5216.4
35048	5234.3	14.3	5220.0
35050	5226.3	22.0	5204.3
35051	5226.3	22.0	5204.3
35052	5253.6	12.7	5240.9
35053 35054 35055	5253.3 5253.4 5272.1	12.7 25.2 39.3	5240.6 5228.2
35056 35058 35059	5271.8 5210.4 5210.4	72.3 26.7	5232.8 5199.5 5183.7
35060 35061 35062	5210.4 5247.8	27.0 DRY 26.2	5183.4 DRY 5221.6
35063 35065	5248.6 5249.0 5234.9	32.3 50.6 14.3	5216.3 5198.4 5220.6
35066	5235.1	14.1	5221.0
35067	5235.1	27.0	5208.1
35068	5234.9	41.9	5193.0
35069	5235.8	14.4	5221.4
35070	5235.9	23.2	5212.7
35071	5264.0	21.9	5242.1
35073	5263.4	25.0	5238.4
35074	5263.4	63.2	5200.2
36001	5264.0	11.8	5252.2
36010	5238.3	13.4	5224.9
36013	5238.8	11.2	5227.6
36017	5235.1	7.9	5227.2

TASK 4 WATER LEVELS, SUMMER 1986 CORRECTED ELEVATIONS

WELL	GROUND LEVEL ELEVATION (FT)	CORRECTED DEPTH (FT)	WATER LEVEL ELEVATION (FT)
WELL 36024 36029 36036 36043 36050 36054 36056 36065 36062 36063 36065 36065 36067 36069 36072 36073 36074 36075 36077 36078 36077 36078			
36084 36085 36086 36087 36089 36090 36092 36099 36103 36104 36105 36110 36111 36111 36111	5233.7 5237.0 5231.6 5254.3 5259.0 5252.5 5251.9 5239.1 5236.6 5235.4 5246.7 5241.9 5239.2 5258.1 5258.1 5247.1 5247.5 5247.3	9.7 5.8 1.5 19.9 9.7 22.3 22.0 8.1 6.4 6.8 14.8 17.1 22.8 9.8 14.2 27.0 31.9 54.6	524.0 5231.2 5230.1 5234.4 5249.3 5230.2 5229.9 5231.0 5230.2 5228.6 5231.9 5224.8 5216.4 5248.3 5243.9 5220.1 5215.6 5192.7

TASK 4 WATER LEVELS, SUMMER 1986 CORRECTED ELEVATIONS

WELL	GROUND LEVEL ELEVATION (FT)	CORRECTED DEPTH (FT)	WATER LEVEL ELEVATION (FT)
36116	5285.8	37.0	5248.8
36117	5285.8	44.7	5241.1
36118 36119 36121	5265.6 5265.6 5228.6	20.8 25.3 32.2	5244.8 5240.3
36122 36123	5228.6 5234.5	33.0 5.8	5196.4 5195.6 5228.7
36128	5236.1	3.6 6.1	5232.5 5228.4
36135	5234.4	6.2	5228.2
36136	5236.9	14.0	5222.9
36137 36138 36139	5237.3 5236.7	15.6 14.3	5221.7 5222.4
36140 36141	5236.7 5236.5 5236.5	14.7 13.6 13.5	5222.0 5222.9 5223.0
36142 36145	5234.5 5236.9 5237.3 5236.7 5236.7 5236.5 5236.5 5237.7 5243.2 5243.3 5145.0 5118.4	14.2	5223.5 5228.6
36146	5243.5	15.3	5228.2
36147	5243.3	25.6	5217.7
37304	5145.0	24.7	5120.3
37305	5118.4	7.7	5110.7
37306	5140.6	13.2	5127.4
37307 37308	5147.7 5127.5	19.0	5127.4 5128.7 5122.0
37309	5122.9	4.9	5118.0
37310	5133.6	10.5	5123.1
37311 37311 37312	5142.9 5142.9 5138.4	12.2 12.3 6.5	5130.7 5130.6
37312 37313	5138.4 5108.2	5.5 3.9	5131.9 5132.9 5104.3
37316	5108.5	5.3	5103.2
37318	5124.2	5.7	5118.5
37319	5124.3	107.9	5016.4
37320	5120.3	17.9	5102.4
37321	5120.2	19.8	5100.4
37323	5125.8	9.2	5116.6
37327	5148.6	33.7	5114.9
37330	5123.7	30.0	5093.7
37331	5123.8	29.9	5093.9
37333	5126.7	36.8	5089.9
37334	5130.0	37.8	5092.2

TASK 4 WATER LEVELS, SUMMER 1986 CORRECTED ELEVATIONS

WELL	GROUND LEVEL ELEVATION (FT)	CORRECTED DEPTH (FT)	WATER LEVEL ELEVATION (FT)
37360 37361 37362 37363 37364 37365 37366	5114.6 5090.6 5167.9 5043.9 5008.7 5110.4 5302.6	32.3 27.3 39.9 7.0 6.9 7.5 6.7	5086.3 5082.3 5063.3 5128.0 5036.9 5001.8 5102.9 5295.9

APPENDIX B WATER QUALITY DATA

All water quality data are reported in the following units:
 concentration = ug/1;
 pH = pH units (1-14); and
 conductance = umhos/cm

APPENDIX B.1
ONPOST/OFFPOST GROUND WATER QUALITY DATA,
THIRD AND FOURTH QUARTERS (FY86)

ONPOST WELLS - THIRD QUARTER

02008 A 0050000000000000000000000000000000000	2.89 10.100 11.220 12.20 13.20 1
01032 01032 01032 02000000000000000000000000000000000	12800 12800 112800 113800 113800 113800 113800 113800 12800
01031 0 00.070 0	200,530 200,580 200,580 200,580 107000 21600 25600 36800 36800 4770
01030 A 06 720 76 00 070 00 070 00 070 00 070 00 070 00 070 01	
60000000000000000000000000000000000000	
NUMBER 011624 A 01162	64600 64600 64600 64600 14400 64600 1480 64600 1480 65.20 65.20 65.20 65.20 65.20 65.20 65.20 67.14 67.14
MEL N 01023 D 06/30/86 06/30/8	
01022 D 01022 D 00053	2000 2000 2000 2000 2000 2000 2000 200
01(021 A 00/30/86 00/30/30/86 00/	6.45
01020 A 06/25/86 000000	55 55 55 55 55 55 55 55 55 55 55 55 55
01014 D 07/01/86 05/01/8	<pre></pre> <pre><</pre>
01012 A 01012 A 000000000000000000000000000000000000	10.68 113000 113000 113000 15300 34400 148000 148000 65.20 65.20 65.20 60.243 7.50 1240 1240
PARAMETER DATE HCCPD HCCP	DE EEE EEE C

02039 0 1		06/24/861	<0.010	<0.00°0>	<0.053	090.0>	70.00	69.31	<12.9	<0.130	<15.2 \	<10.5	<1.77	<1.61	<1.11 \	<1.26 \	<4.23	<4.66 \	<1.34 \	<1.21 \	<1.28	<1.35	<2.47	<2°00 <	01.17	07.15	07.17	0170	10.01	<7-40	<1.10 \	<1.00	<1.30	<0.500 N	20300	479000 \	-	00426	1 000102	3020	<5.20 \	< 00°9>	<7.90	55.8	<0.243	9.18	1520
038		06/23/86	<0.00	390.0>	<0.053	6770	70.07	20.07	<12.9	<0.130	<15.2	<10.5	41.77	<1.61	<1.11	<1.26	<4 °23	99.4>	<1.34	<1.21	<1.28	<1.35	<2.47	<2°00	VI-10	41.29	07-12	70 44	70-010	<7.40	<1.10	<1.00	<1.30	084.07	1760	284000		108000	0000252		<5.20	00.9>	28.5	620-0	<0.243	<3.88	1470
02037 A		06/23/86	020.02	090-0>	<0.053	443/	70000	40.31	<12.9 <12.9	<0.130	<15.2	<10.5	<1.17	<1.61	<1.11	<1.26	<4.23	44.66	<1.34	<1.21	<1.28	<1.35	<2.47	<5.00	1. 10	41.20	07.17	20 230	70.010	62.40	<1-10	<1.00	<1.30	×0.280	2260	103000	•	73500	129000	3890	<5.20	00*9>	<7.90	<20°2	<0.243	43.88	748
02036 B		06/20/86	0.000	090-0>	<0.053	40.050 40.050	760-07	70.07	<12.9	<0-130	<15.7	<10.5	<1.17	<1.61	<1.11	<1.26	<4.23	<4. 66	<1.34	<1.21	<1.28	<1.35	<2.47	<5.00	\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	<1.20	07-1>	0 t 7 0 V	2010	<7-40	<1.10	<1.00	<1.30	***	32000	786000		52100	1420	\sim	<5.20	00*9>	<7.90 <1.90	<10°2	<0.243	<3.88 8.41	1310
02035 0		06/25/86	020	<0.00	<0.053	090.00	70000	20.00	<12.9	<0.130	<15.2	<10.5	<1.77	<1.61	<1.11	<1.26	<4.23	<4.66	<1.34	<1.21	<1.28	4.35	<2.47	<5.00	<1.10	8.38	07-1>	195	2010	7.54	8.99	<1.00	<1.30	3000	384000	247000		58000	10200	3750	<5.20	00.9>	<7.90	C*015	<0.243	<3.88 7.62	2030
NUMBER		20/86	2	091	53	090	200	2 =	10	30		i rč				9	2	96	34	==	60	2	-	0	٥.		9	2) 	9 5	2	0	- 1	000	2	000		169000	187000	3750	<5.20	00*9>	<7.90 71° E	26.2	<0.243	<3.88	1040
02031 D	1	06/27/86	0/0-0>	090.0>	<0.053 0.053	080.05	740-07	70.07	<17.9	CO. 130	<15.2	<10.5 <10.5	<1.77	<1.61	<1,11	<1.26	<4.23	99*6>	90.9	<1,21	<1.28	<1.35	<2.47	<5.00	<1.10 <1.10	<1.20 1.20	07*1>	41.40 10.40	V. 010	C7.40	21.0	<1.00	<1.30	<0.580 0.580	86800	1120000	•	216000	5970	3,890	<5.20	00.9>	<7.90 <1.90	38.4	<0.243	<3.88 7.97	2210
0.5030		06/27/86	×0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	090-0>	<0.053	090.00	760 07	70.07	<17.9	<0.130	<15.7	<10.5	<1.77	<1.61	<1.11	<1.26	<4.23	<4.66	<1.34	<1.21	<1.28	<1.35	<2.47	<5.00	<1.10 <1.10	<1.20	<1.20 .1.5	113	070.07	0.53.0	<1-10 <1-10	<1.60	<1.30	<0.580 33.0000	7365030	280000		2260000	000844	15500	<5.20 <5.20	00*9>	<7.90 <1.90	83.4	<0.243	<7.80 6.46	1360
0.2020		98/47/90	<0.00	<0.000	<0.053	.096	<0.05 239	6633	<17.9	<0-130	<15.7	<10.5 710.5	<1.77	<1.61	<1.11 <1.11	<1.26	<4.23	99.4>	<1.34	<1.21	<1.28	<1.35	<2.47	<5.00	<i.10< td=""><td>1,35</td><td><1.50 -1.50</td><td>/•/0</td><td>07000</td><td>< 2. 40 < 2. 40</td><td>01.0</td><td><1.00</td><td><1.30</td><td>40.580</td><td>266000</td><td>78600</td><td></td><td>109000</td><td>122000</td><td>7730</td><td><5.20</td><td>00*9></td><td><7.90</td><td>C-815</td><td><0.243</td><td><3.88 7.05</td><td>1150</td></i.10<>	1,35	<1.50 -1.50	/•/0	07000	< 2. 40 < 2. 40	01.0	<1.00	<1.30	40.580	266000	78600		109000	122000	7730	<5.20	00*9>	<7.90	C-815	<0.243	<3.88 7.05	1150
0.010.0		06/24/86	020-02	<0.00	<0.053	<0.00°0>	750.0>	20,000	×12.9	<0.130	<15.7	<10.5 <10.5	<1.77	<1.61	<1.11	<1.26	<4.23	99.4>	37.2	4.52	<1.28	<1,35	<2.47	<5.00	-!<br !	<1.20	<1.20 <1.20	-	20.07	22.40	<1-10 <1-10	<1.00		<0.580		1960000		388000	55 / 00	3	<5.20	00.9>	<7.90	<18.5 <20.1	<0.243	<3.88	3050
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0.26.89 0		1		9	5	9	<u> </u>	==		(0)	<15.7		7		<1.1	<1.2	<4°5		<1,3							<1.2	×1.2	10 4 TV	20,0	42.6	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \		<1.30	0.00	5760		1	395	0000	477	<5°2	0.9>	-	27	20,4	1 <3.83	1 218
PAMETER		DATE	AL DRIN	ISCORIN	DOE	DIELORIN	ENDKIN	100						W.	ų	!					ETHYBENZ			MECL	11DCE						-			ų	یا ہی	.					HO.	TI UM	æ		18.4	ARSENIC	SP. COND.

62	06/05/86/	000000000000000000000000000000000000000	0.0000	9460	200	•••	•••	• •	3.04	1,51	(1.35	<5.00 \ <5.00 \	<1.10 \ <1.20 \	1.50	019.00	<1.70 <2.40	41.10 1.00	<1.30 <1.30	93300	1 000291	135000 \ 16400 \ 66800 \	340	9 - 8		<3.88 8.61 810
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	06/05/86 <0.070 <0.070	40.053	750°0> 0.0°0>	0.1	4	• •	• •		5.54	<1-21 <1-21 28 21 28 21 28 21 28 21 28 21 28 28 28 28 28 28 28 28 28 28 28 28 28	<1.35 <1.35 <1.35	<5°00	<1.10 <1.20	41. 20	<0.610 <0.610	1. 70 2. 40 40	<1.10 <1.00	<1-30 <1-30 <1-30 <1-30 <1-30 <1-30 <1-30 <1-30 <1-30 <1-30 <1-30 <1-30 <1-30 <1-30 <1-30 <1-30 <1-30 <1-30 <1-30 <1-30 <1-30 <1-30 <1-30 <1-30 <1-30 <1-30 <1-30 <1-30 <1-30 <1-30 <1-30 <1-30 <1-30 <1-30 <1-30 <1-30 <1-30 <1-30 <1-30 <1-30 <1-30 <1-30 <1-30 <1-30 <1-30 <1-30 <1-30 <1-30 <1-30 <1-30 <1-30 <1-30 <1-30 <1-30 <1-30 <1-30 <1-30 <1-30 <1-30 <1-30 <1-30 <1-30 <1-30 <1-30 <1-30 <1-30 <1-30 <1-30 <1-30 <1-30 <1-30 <1-30 <1-30 <1-30 <1-30 <1-30 <1-30 <1-30 <1-30 <1-30 <1-30 <1-30 <1-30 <1-30 <1-30 <1-30 <1-30 <1-30 <1-30 <1-30 <1-30 <1-30 <1-30 <1-30 <1-30 <1-30 <1-30 <1-30 <1-30 <1-30 <1-30 <1-30 <1-30 <1-30 <1-30 <1-30 <1-30 <1-30 <1-30 <1-30 <1-30 <1-30 <1-30 <1-30 <1-30 <1-30 <1-30 <1-30 <1-30 <1-30 <1-30 <1-30 <1-30 <1-30 <1-30 <1-30 <1-30 <1-30 <1-30 <1-30 <1-30 <1-30 <1-30 <1-30 <1-30 <1-30 <1-30 <1-30 <1-30 <1-30 <1-30 <1-30 <1-30 <1-30 <1-30 <1-30 <1-30 <1-30 <1-30 <1-30 <1-30 <1-30 <1-30 <1-30 <1-30 <1-30 <1-30 <1-30 <1-30 <1-30 <1-30 <1-30 <1-30 <1-30 <1-30 <1-30 <1-30 <1-30 <1-30 <1-30 <1-30 <1-30 <1-30 <1-30 <1-30 <1-30 <1-30 <1-30 <1-30 <1-30 <1-30 <1-30 <1-30 <1-30 <1-30 <1-30 <1-30 <1-30 <1-30 <1-30 <1-30 <1-30 <1-30 <1-30 <1-30 <1-30 <1-30 <1-30 <1-30 <1-30 <1-30 <1-30 <1-30 <1-30 <1-30 <1-30 <1-30 <1-30 <1-30 <1-30 <1-30 <1-30 <1-30 <1-30 <1-30 <1-30 <1-30 <1-30 <1-30 <1-30 <1-30 <1-30 <1-30 <1-30 <1-30 <1-30 <1-30 <1-30 <1-30 <1-30 <1-30 <1-30 <1-30 <1-30 <1-30 <1-30 <1-30 <1-30 <1-30 <1-30 <1-30 <1-30 <1-30 <1-30 <1-30 <1-30 <1-30 <1-30 <1-30 <1-30 <1-30 <1-30 <1-30 <1-30 <1-30 <1-30 <1-30 <1-30 <1-30 <1-30 <1-30 <1-30 <1-30 <1-30 <1-30 <1-30 <1-30 <1-30 <1-30 <1-30 <1-30 <1-30 <1-30 <1-30 <1-30 <1-30 <1-30 <1-30 <1-30 <1-30 <1-30 <1-30 <1-30 <1-30 <1-30 <1-30 <1-30 <1-30 <1-30 <1-30 <1-30 <1-30 <1-30 <1-30 <1-30 <1-30 <1-30 <1-30 <1-30 <1-30 <1-30 <1-30 <1-30 <1-30 <1-30 <1-30 <1-30 <1-30 <1-30 <1-30 <1-30 <1-30 <1-30 <1-30 <1-30 <1-30 <1-30 <1-30 <1-30 <1-30 <1-30 <1-30 <1-30 <1-30 <1-30 <1-30 <1-30 <1-30 <1-30 <1-30 <1-30 <1-30 <1-30 <1-30 <1-30 <1-30 <1-30 <1-30 <1-30 <1-30 <1-30	34100	81900	73600 10100 57200	2860	<7.90 <7.90 <18.5	<20.1	<3.88 9.53 490
021 A	06/05/86 <0.070 <0.070	200				• •		• •	<1.34	<1.21 <1.21 2.81	<1.35 <1.35 <1.35	<5.00 45.00	200	×1.20	<0.610	<1.70 <2.40	28.4	<1.30 <1.30	66700	139000	115000 18600 65100	805	9 - 8	2	<3.88 9.68 710
04016 A	06/03/86 <0.070 <0.070				+ 0 • +	••	• •	• •	3,51	<1.21 <1.21	71.35 21.35	<5.00 <5.00	1. 10	07°T	019.0>	<1-70 <2-40 <2-40	<1.10 <1.70	200	97406	163000	138000 18300 70900	82	• (2) (6)	48	<3.88 9.11 810
NUMBER 04014 A	06/03/86 <0.070 <0.076	V0.053	<0.050			• •	• •	٠.	* <1.3&	<1.21 <1.21 <1.21	(1.35	<5.00 <5.00	1. 10	71.20	<0. 60. 610	1. 70 42. 40	<1.10 <1.00	<1.30 <1.30	96060	160000	135000 19400 74200	4210	6.60 67.90 613.5	55.2	<3.88 8.45 800
	6/05	<0.053 <0.053 <0.060	<0.050		•	• •		••	6.83	<1.21 <1.21 <1.21	1.35	<5.00 <5.00	<1.10 <1.20	41. 20	<0.610	<1.79 <2.40 <2.40	<5.01 5.00	<1-30 <1-30	5750	31500	12300 <500 92200	<1260 <5.20	<5.00 <7.90 <18.5	32.3	12.5 11.0 448
2	06/05/86 <0.070 <0.070				061.00	• •		a •	61 . 34	17. 17.	(1.3 5	<5.00 <5.00	07.10 2.20	1. 20	<0.610	1.1 2	1.10	<1-30 <1-30	37700	86500	89300 11400 50400	2740	<18.5 <18.5	<20.1	7.60
607	06/04/86 <0.070 <0.070 <0.070	************************************	\$0.05 \$0.07 \$0.07	07.07	06 1-05		• •	• •	41.34	C1.21	7.35	<5.00	<1.10 <1.70	8.64	019-0>	<1.70	4.34	2.11	99500	340000	175000 20200 110000	4340	<6.00 <7.90 <18.5	26.1	<3.88 8.13 1430
523 A	06/04/86	1929	25		*	• •		• •	90.0	1.21	35.35	<5.00	<1.10 <1.70	<1.20 <1.20	<0.610	\$1.50 \$2.40 \$2.40	41.10 00.10	VI.30	68600 68600 61220	146000	121000 18300 71300	3630	<6.00 <7.90 <18.5	68.5	<3.98 7.98 710
03008 A	i circ	ာတ္တ	000		• •	• •	• •	• •	41.34	1.21	<1.50 <1.35 <1.35 <1.35	\$5.00 \$5.00	<1.10 <1.70	1. 20	<0.610	2.19 \$2.49 \$3.49	01.0	3.30	46000	105000	116000 18900 69100	5.5	92.0	3.6	<3.88 8.25 845
3005 A	(06/11/86 (0.070 (0.070	5000	J	100	\ <15.2	1 410.5 1 41.73	\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \	4.23	<4.66	(1.21	(1.35	<5.00	41. 10	, <1.20	<0.610	<1.70	7		120000 120000	307	* to = 40	1 5200 1 55.20	\$ 7.2	21.6	<3.68 13.6 740
ARAME		DOE DE IN	DOT	XEIN	DRMP		DITHIANE	CPMSO	CPMS02		M-XYLENE	uğ.	110CE	TIZOCE	120CLE	11116			m m	<i>.</i>			E		ė

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97005		06/03/86/																																					• •	, .	•	•	•	• •	•	•	• •	8.09	4510
07004 0		05/28/86	×0.070	090-0>	<0.053	×0.00	320-02	49-31	<12.0 <12.0	<0.136	<15.2	<10.5	<1.77	19-12	<1-11 <1-11	<1.76	<4.73	44 44	41.34	\T.01	11 20	07*15	CC-17	14077	00.00	01.17	07.1>	07*13	04.7	20.07	12 kg	×1.10	00.	<1.30 <1.30	<0.580	912000	3690	0000710	• •		•	•	•	• (•	•	• •	7.50	5200
07001 A		05/29/86	<0.0×	090-0>	<0.053	00000	CO.02C	49-31	<17.9	<0.130	<15.7	410.5	11.17	19-12	<1.11	×1.76	<6.73	49-47	71 26	10.17	1707	07.17	2007	1+07	00.00	01.17	07-1>	07.17	04.0	010-02	27.00	01.17	<1. TO	<1.30	<0.580	62800	2860	0000+47	• (•		•	• •	•	•	• •	7.64	2900
06005 0		06/04/86	0.070	090.0>	<0.053	V0.060	20.07	40°31	<12.9	<0-130	<15.7	<10.5	(1,17	19.10	<1.11	<1.76	64.73	44.44	41 24	71074	77.17	07.17	CC • T >	16.77	00.00	01.17	07*1>	07*1>	0.0	01000	09 27	01.	21.00	<1.30	<0.580	13300	<1220 162000	102000	• (, 0	•		•	• (•	•	• 1	9.95	299
06004 0																																							• (•	•	•	• •	• •	•	• •	8,60	888
NUMBER		6 05/28/86	0.00	<0.00	<0.053	10°00	0000	40.31	<17.9	<0-130	¢15.2	1017	77	(1,61	<1.11 <1.11	<1.76	< 4.73	44.65	77	`L. 21	×1. 21	41.20	CT • T	16.77	00.00	<1.10 <1.10	<1.20 <1.20	41.20	04.7	010.07	75 60	75.40	V1*TV	<1.30	<0.580	82400	<1220	000007	•		•	•	•	•		•	• 1	7.60	800
DELL MELL		05/30/86	0.0.0	090-0>	<0.053	0000	70.07	40.31	<12.0 <17.9	C0-130	<15.7	10.5	71.77	19-17	<1,13	41.76	<4.73	24 47	2 4 5	24.07	×10-61	07.17	<1.00 13 13	14.77	<5>00 65,00	V1.10	0Z*I>	07-1>	41.41	<0.00 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	07-17	100	<1.00	<1-30 <1-30	<0.580	25500	1316	19500	• 1	• •	•	•	•			•	• •	8.99	104
04524 8		06/11/86	070-07	090-0>	<0.053	090-0>	70.00	2000	• (<0.13A		•		•	•	•	•	•	2 2 5	00.00	1707	97.17	<i+12< td=""><td>14.77</td><td>45.00</td><td><1.10</td><td><1.20 <1.20</td><td>02*1></td><td>VI**U</td><td>2010</td><td>0, 2,</td><td>10111</td><td><1.00 <1.00</td><td>61.30</td><td><0.580</td><td>48000</td><td><1220 <1220</td><td>75500</td><td>- 3</td><td>- ~</td><td>ıN</td><td>2250</td><td>^</td><td>\$2°00 \$7°40</td><td><18.5</td><td>h * 09</td><td>4</td><td>12.8</td><td>80</td></i+12<>	14.77	45.00	<1.10	<1.20 <1.20	02*1>	VI**U	2010	0, 2,	10111	<1.00 <1.00	61.30	<0.580	48000	<1220 <1220	75500	- 3	- ~	ıN	2250	^	\$2°00 \$7°40	<18.5	h * 09	4	12.8	80
04633 4		06/04/86	070-07	090-0>	<0.053	090*0>	20.02	0.00	•	<0.130	4	•	•	•	•	•		•	256	2007	77-17	97.17	<t+ 22<="" td=""><td>16.75</td><td>\$5.00 \$5.00</td><td><i.10< td=""><td><1.Z0</td><td>41.20</td><td>0h-1></td><td>019.07</td><td>V-1.</td><td>01.77</td><td><1-10 <1-00</td><td><1.30</td><td><0.580</td><td>75700</td><td><1220</td><td>10000</td><td>136000</td><td>18500</td><td>71200</td><td>2290</td><td><5.20 </td><td>60.42</td><td><18.5</td><td>99.3</td><td>43.88</td><td>8,11</td><td>780</td></i.10<></td></t+>	16.75	\$5.00 \$5.00	<i.10< td=""><td><1.Z0</td><td>41.20</td><td>0h-1></td><td>019.07</td><td>V-1.</td><td>01.77</td><td><1-10 <1-00</td><td><1.30</td><td><0.580</td><td>75700</td><td><1220</td><td>10000</td><td>136000</td><td>18500</td><td>71200</td><td>2290</td><td><5.20 </td><td>60.42</td><td><18.5</td><td>99.3</td><td>43.88</td><td>8,11</td><td>780</td></i.10<>	<1.Z0	41.20	0h-1>	019.07	V-1.	01.77	<1-10 <1-00	<1.30	<0.580	75700	<1220	10000	136000	18500	71200	2290	<5.20 	60.42	<18.5	99.3	43.88	8,11	780
04037 B			_ ~		· ^	A 11	\sim	-	•	CO.130	4	•	•	•	•	•	•	•	2 69	0000	77•77	97.17	C1. 57	16.77	00.00	<1.10	<1.20 <1.20	<1.20 <1.20	-	V0.610	0/-17	2 140	71.00	<1-30	<0.580	69200	<1220	143000	125000	18500	76000	7410	<5.20 <5.20	\$2°00 \$2°00	<18.5	49.5		9.53	0
34331 8		06/03/86	0/0-0/	<0.00	<0.053	090-0>	760.07	0.00	•	<0-130	*	•	•	•	•	•	•	•	13.0	/T=24	77.75	27.15	<1.55 12.55	15077	95. 5.	<i.10< td=""><td><1.20</td><td>41.20</td><td>1. 4U</td><td>0.79*0></td><td>07.17</td><td>0.4°</td><td>1 - 67</td><td><1 - 3 C</td><td><0.580</td><td>67200</td><td><1220</td><td>000767</td><td>178600</td><td>19306</td><td>70900</td><td>3820</td><td><5.20 <5.20</td><td>00°€</td><td><18.5</td><td>62.2</td><td>,</td><td>20</td><td>30</td></i.10<>	<1.20	41.20	1. 4U	0.79*0>	07.17	0.4°	1 - 67	<1 - 3 C	<0.580	67200	<1220	000767	178600	19306	70900	3820	<5.20 <5.20	00°€	<18.5	62.2	,	20	30
•		06/04/66	070-07	090.0> \	\ <0.053	090-09	200.02	0.00	•	<0.130	•	•	•	•	•	•		•	20.0	71 21	77-17	97.17	1 <1.35	7	Ç.	Ţ	Ų,	7	3.69	ý;		70	2 -		0	50700	\ <1220	111	106	172	677	338	\$	00.92	\ <18.5	1 <20.1		7	1 675
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23179 A \	06/12/86\	40°530 40°060	001.0>	<12.9	.953 <15.2 \	593	15.8	66.3	458	2,71	3.59	3.52	125	3.70	<1.20 22500	<0.610	<1.70 .22 &0	7.37	<1.50 75.50	<0.580	10300	2001	242000	\circ	NO	00	900	IMC	10000
23177 6	06/12/86 <0.070 107	40 00 00 00 00 00 00 00 00 00 00 00 00 0	2000	<12.9	<0.130 <15.2	33.4	<1.61 <1.61	41-11 41-26 33-411	99.4>	42.34	<1.28 	41.35	<\$°00	41. 20	<1.20 <1.40	<0.610	<1.70 60 60 60 60 60 60 60 60 60 60 60 60 60	<1.10	1. 30	<0.58C	41 7000 2350 104000	3000	266000 66500	361000 3810	<5.20 <6.00	<7.90 <18.5	50.7	880	2450
23166 A	06/12/86 <0.070 108	40-053 40-053 40-060	0.000	<12.9	<0.130 <15.2	27.5	<1.61	<1.11 <1.26 <1.36	99.4>	<1.34 <1.21	<1.28	<1.35 <2.47	<5.00	<1.10 <1.20	<1.20	019.0>	<1.70 4.70	<1.10 <1.10	0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0	<0.580	3620 3620 1720000	•	373000 89400	409000 5680	<5.20 <6.00	7.90 7.90	173	<3.38 43.38	3380
23142 A	06/26/86 <0.350 <0.350	SOM	Smr	0 .	- 0		3.64	17.8 <1.26	6.08	<1.34	<1.28	<1.35 <2.47	<5.00	<1.20	07.70	<0.610	<1.70 <2.50 <2.50 <2.50 <2.50 <2.50 <2.50 <2.50 <2.50 <2.50 <2.50 <2.50 <2.50 <2.50 <2.50 <2.50 <2.50 <2.50 <2.50 <2.50 <2.50 <2.50 <2.50 <2.50 <2.50 <2.50 <2.50 <2.50 <2.50 <2.50 <2.50 <2.50 <2.50 <2.50 <2.50 <2.50 <2.50 <2.50 <2.50 <2.50 <2.50 <2.50 <2.50 <2.50 <2.50 <2.50 <2.50 <2.50 <2.50 <2.50 <2.50 <2.50 <2.50 <2.50 <2.50 <2.50 <2.50 <2.50 <2.50 <2.50 <2.50 <2.50 <2.50 <2.50 <2.50 <2.50 <2.50 <2.50 <2.50 <2.50 <2.50 <2.50 <2.50 <2.50 <2.50 <2.50 <2.50 <2.50 <2.50 <2.50 <2.50 <2.50 <2.50 <2.50 <2.50 <2.50 <2.50 <2.50 <2.50 <2.50 <2.50 <2.50 <2.50 <2.50 <2.50 <2.50 <2.50 <2.50 <2.50 <2.50 <2.50 <2.50 <2.50 <2.50 <2.50 <2.50 <2.50 <2.50 <2.50 <2.50 <2.50 <2.50 <2.50 <2.50 <2.50 <2.50 <2.50 <2.50 <2.50 <2.50 <2.50 <2.50 <2.50 <2.50 <2.50 <2.50 <2.50 <2.50 <2.50 <2.50 <2.50 <2.50 <2.50 <2.50 <2.50 <2.50 <2.50 <2.50 <2.50 <2.50 <2.50 <2.50 <2.50 <2.50 <2.50 <2.50 <2.50 <2.50 <2.50 <2.50 <2.50 <2.50 <2.50 <2.50 <2.50 <2.50 <2.50 <2.50 <2.50 <2.50 <2.50 <2.50 <2.50 <2.50 <2.50 <2.50 <2.50 <2.50 <2.50 <2.50 <2.50 <2.50 <2.50 <2.50 <2.50 <2.50 <2.50 <2.50 <2.50 <2.50 <2.50 <2.50 <2.50 <2.50 <2.50 <2.50 <2.50 <2.50 <2.50 <2.50 <2.50 <2.50 <2.50 <2.50 <2.50 <2.50 <2.50 <2.50 <2.50 <2.50 <2.50 <2.50 <2.50 <2.50 <2.50 <2.50 <2.50 <2.50 <2.50 <2.50 <2.50 <2.50 <2.50 <2.50 <2.50 <2.50 <2.50 <2.50 <2.50 <2.50 <2.50 <2.50 <2.50 <2.50 <2.50 <2.50 <2.50 <2.50 <2.50 <2.50 <2.50 <2.50 <2.50 <2.50 <2.50 <2.50 <2.50 <2.50 <2.50 <2.50 <2.50 <2.50 <2.50 <2.50 <2.50 <2.50 <2.50 <2.50 <2.50 <2.50 <2.50 <2.50 <2.50 <2.50 <2.50 <2.50 <2.50 <2.50 <2.50 <2.50 <2.50 <2.50 <2.50 <2.50 <2.50 <2.50 <2.50 <2.50 <2.50 <2.50 <2.50 <2.50 <2.50 <2.50 <2.50 <2.50 <2.50 <2.50 <2.50 <2.50 <2.50 <2.50 <2.50 <2.50 <2.50 <2.50 <2.50 <2.50 <2.50 <2.50 <2.50 <2.50 <2.50 <2.50 <2.50 <2.50 <2.50 <2.50 <2.50 <2.50 <2.50 <2.50 <2.50 <2.50 <2.50 <2.50 <2.50 <2.50 <2.50 <2.50 <2.50 <2.50 <2.50 <2.50 <2.50 <2.50 <2.50 <2.50 <2.50 <2.50 <2.50 <2.50 <2.50 <2.50 <2.50 <2.50 <2.50 <2.50 <2.50 <2.50 <2.50 <2.50 <2.50 <2.50 <2.50 <2.50 <2.50 <2.50 <2.50 <2.50 <2.50	<5.01	<5.00	<0.580		2	96200 32600	395000 4670	<5.20 <6.00	8.72	69.1	<3.88 7.65	1750
23125 A	06/17/86 <0.070 <0.070	<0.053 <0.053 <0.060	<0.03 <0.03 50.03 60.03	<12.9	<0.130 <15.2	14.6	19.1	<1.11 <1.26 <1.36	99.4>	<1.34	<1.28	<1.35 <2.47	<5.00	<1.20	<1.20 2.72	<0.616	<1.70	<1.10	3.5	<0.58G	275000 3900 2260000	e cronor	483000 103000	390000 7660	65.20	72.90 71.90	23.1	43.88 5.69	3890
NUMBER 23108 A	00/56/86		0.700	<12.9 <12.9	<6.130 <15.2	<19.5	<1.61	(1.11 (1.26	99.4>	<1.34	<1.28	<1.35 <2.47	<5.00	<1.10 <1.20	<1.20	<0.610	<1.70	01.10	1. 00	<0. <0. 580	785 000 2620 342000	000000	149000 56300	462000 7800	<5.20 <6.06	<7.90 <7.90	26.6	4.83	3896
23095 A	06/26/86 <0.700 2.43	<0.539 2.64	• 643 <0.709	<12.9	<0.130 22.9	986	7.75	19.7	569	19.2	3.07	<1.35 <2.47	5.64	1.27	<1.20 3790	<5.0U	<5.00 15.00	66.4>	45. 03	<0.530 <0.530	10266	00000	119060 35700	476060 6660	<5.20 <6.00	77.90 77.90	<20.1 <20.1	29.9	19650
22060 A	06/17/86 <0.070 <0.070 <0.070	40.053 168 168	20.02	<12.9 <12.9	<0.130 <15.2	<10.5	1.61	75.17	99. 65	C1.34	<1.28	<1.35 <2.47									768900 2890 404060		451000 226050						
22059 A	06/17/36 <0.070 <0.070 <0.070	0000 0000 0000 0000 0000 0000 0000 0000 0000	250.05 \$0.070 \$1.00	<12.9	<0.130 <15.2	<10.5	<1.61	41-26	99.4>	<1.34 <1.23	<1.28 <1.28	<1.55 <2.47	<5.00	<1.10 <1.20	<1.20	<0.610	<1.70 52 60 60 60 60 60 60 60 60 60 60 60 60 60	<1.10	60.1	<0.583 <0.583	382000 2350 181000	050707	85300 25100	228000 5340	<5.20 66.00	06.47		5.53	2160
Z024 D	727/07000000000000000000000000000000000	500	27:	70																			⇔_	112000 11000			<20.1 <20.1 <20.1	- 00	2123
22 C 2 1 A	06/12/86 <0.670 <0.670	0.050 0.050 0.050 0.050 0.050	753.05	<3.31<12.9	<0.130 <15.2	<10.5	<1.61	#\$! \$\$!	99-63	\$. \$. \$.	71.28 71.28	41.35 42.47	2)* 5)* 5)*	07.17	<1.20 11.20	<0.610	<1.70		\$2.4 \$2.4 \$2.6 \$2.6 \$2.6 \$2.6 \$2.6 \$2.6 \$2.6 \$2.6	<0.530 <0.530	318660 1716 1870er	7.1 1.50.0	111008 30100	19606J 5920	<5.20 <6.66	00°CV	2 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	43.68 43.68 4.50	1540
19319 0	05/28/86 <0.070 <0.070	30.00	60.67 60.07	• •	• •	• •		• •	• •	• •	•				•	• •	•	• •	•	• •	• •	• •	• •	• •	•	•	• •	C	1010
PARAMETER 1	6	: 2					W.				12.	O/P-XYLENE O		119CE	112001	120CLE	1111CE	TROLE	112108		CHLORIDE VELUDRIDE V		CA	Z X	CACHIUM			ARSENIC /	SP. CONE. 1

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	24158 A	06/18/86	0/0-02	<0.00	<0.053	00000	20.020	<9.31	<12.9	<0.130	<15.2	<10.5	<1.77	<1. 	41017	41.50	57.47	41.34	<12.71	<1.28	<1.35	<2.47	<5.00	<1.10	<1.20 .:	07.17	019	C1.70	<2.49	<1.10	<1.00 1.00	<1.30 5.00 5.00 5.00 5.00 5.00 5.00 5.00 5	122000	1450	345000	113000	112000	143000	4380	<5.20	00.9>	<18.5 <18.5	48.1	<0.243	7.60	1670
	24150 A	05/29/86	070-07	090.0>	<0.053 40.053	20200	0.00	<9.31	<12.9	<0.130	<15.2	<10.5	<1.17	<1.61 	<1.11 7.1 7.6	27.17	67.64															_		_			•	• •	•	•	•			• 1	7.63	2180
	23192 D	06/18/86	<0.070 <0.070	090*0>	<0.053	<0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0	750-02	<9.31	<12.9	<0.130	<15.2	<10.5	<1.17	<i.61< td=""><td><1•11 2 30</td><td>C. C.</td><td>67.4</td><td><1.36</td><td><1.71</td><td><1.78</td><td><1.35 <1.35</td><td><2.47</td><td><5.00</td><td><1.10</td><td><1.20</td><td>07-17</td><td>04.17</td><td>7007</td><td><2.40</td><td><1.10</td><td><1.00</td><td><1.30 41.30</td><td>324000</td><td>1580</td><td>1240000</td><td>*</td><td>000007</td><td>440000</td><td>5680</td><td><5.26</td><td>00-9></td><td></td><td>62.5</td><td><0.243</td><td>7.47</td><td>2730</td></i.61<>	<1•11 2 30	C. C.	67.4	<1.36	<1.71	<1.78	<1.35 <1.35	<2.47	<5.00	<1.10	<1.20	07-17	04.17	7007	<2.40	<1.10	<1.00	<1.30 41.30	324000	1580	1240000	*	000007	440000	5680	<5.26	00-9>		62.5	<0.243	7.47	2730
	23191 A	06/18/86	40.070	090.0>	<0.053	.001	070.07	<9.31	<12.9	<0.130	<15.2	299	<1.17	3.14	14.1	07.17	21.0	7 1 20	×1.01	<1-74 <1-78	<1.35	<2.47	<5.00	<1.10	<1.20	07*1>	VI-40	070-070	<2.40 <2.40	<1.10	<1.00	<1.30	0000000	2310	335000	• 6	00000	408000	7560	<5.20	00.97	<18.5 <18.5	36.0	<0.243 5.36	7.66	2750
	23190 0	06/19/86	<0.070 0.070	090-0>	<6.053	090.0>	0000	<9.31	<12.9	<0.130	<15.2	<10.5	<1.17	<1.61	</td <td>41.00</td> <td>27.45</td> <td>71.00</td> <td>×10.37</td> <td>21.78</td> <td><1.35</td> <td><2.47</td> <td><5.00</td> <td><1.10</td> <td><1.20</td> <td>07.17</td> <td>VI-40</td> <td>70.010</td> <td>67.43</td> <td><1.10</td> <td><1.00</td> <td><1-30 20 20 20 20 20 20 20 20 20 20 20 20 20</td> <td>50.78C</td> <td>1436</td> <td>785000</td> <td>• • •</td> <td>7440</td> <td>272000</td> <td>2940</td> <td><5.20</td> <td>00-9></td> <td><1. Ye</td> <td><20.1</td> <td><0.243</td> <td>9.01</td> <td>2190</td>	41.00	27.45	71.00	×10.37	21.78	<1.35	<2.47	<5.00	<1.10	<1.20	07.17	VI-40	70.010	67.43	<1.10	<1.00	<1-30 20 20 20 20 20 20 20 20 20 20 20 20 20	50.78C	1436	785000	• • •	7440	272000	2940	<5.20	00-9>	<1. Ye	<20.1	<0.243	9.01	2190
OF CALL	23188 A	06/19/86	<0.070	<0.00	<0.053	٠ ١ ١ ١	1.E	200	<12.9	<0.130			<1.17	3.71		41.40	67.47	77 57	(1 2)	41.28	<1.35	<2.47	<5.00	<1.10	<1.20	\$1.50 \$1.50	41.4C	1437	<25. 4fl	5.96	<1.00	<1,30	<0.000 26.3 €60 26.3	4170	1010000	• 000	400000	000000	10700	<5.20	02.9>		152	<0.243	7.08	7610
		06/17/36	<0.070 <0.070	390.0>	<0.653	^ 0 • 0 € 0 € 0 ° ° ° • 0 • 0 • 0 • 0 • 0 • 0 • 0 • 0 • 0 •	1000	<0.31 <0.31	<17.9	<6.130	<15.2	<10.5	<1.17	19.17	</td <td>07.13</td> <td>C7-17</td> <td>0 2 5</td> <td>7.7</td> <td><1-23 <1-28</td> <td><1.44 <1.35 <1.35</td> <td><2.47</td> <td><5.00</td> <td><1.19</td> <td><1.20</td> <td><1.20</td> <td>05-TV</td> <td>7.0 LC</td> <td>67°40</td> <td><1.10 <1.10</td> <td><1.00</td> <td><1.30</td> <td>₹0,000</td> <td>374000 1456</td> <td>931000</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td><0.243</td> <td></td> <td></td>	07.13	C7-17	0 2 5	7.7	<1-23 <1-28	<1.44 <1.35 <1.35	<2.47	<5. 00	<1.19	<1.20	<1.20	05-TV	7.0 LC	67°40	<1.10 <1.10	<1.00	<1.30	₹ 0,000	374000 1456	931000									<0.243		
	23186 D	36 06/17/06	<0.070 <0.070	0.074	<0.053	390.0>	20.07	<0.31 <0.31	<12.9	<0.136	<15.2	<10.5	11.1>	19.1>	<1.11	97.15	57847	200	11.21	×1.54	<1.35	<2.47	<5.60	<1.10	<1.20 <1.20	07.15	04-17	010.00	<2 - 40 <2 - 40	<1.10	<1.00	<1.30	₹ 0.4.080	1710	1796000	•	306000	55 0000	5970	<5.20	00-9>	0. 4. V	9.44	<0.243	7.45	4030
	23185 A	06/19/86	<0.070	<0.060	<0.053	195°0>	20°020	<0.31 <0.31	<12.9	<0.139	<15.2	4810	<1.17	2,35	2-85	2432	(744)	74.00	7.0.4 7.0.4	71.28	<1.35 <1.35	<2.47	<5.00	<1.10	<1.20	<1.20 <1.20	- 40	V0*070	<2.40 <2.40	<1.10	<1.00	<1.30	120 2 8 C	0000K/T	2580000	- 1	275000	744000	9720	<5.20	×6.00	2	40.1	<0.243 <7.88	7.22	0064
	3183 D	19	<0.070 070	20	5	94	25	3 ~	<12.9	<0.130	~	<10.5	<1.17	19.1>		07.77	67.47	000	1,00	71.28	<1.35	<2.47	<5.00	<1.10	<1.26	<1.26	3:	0.10-0.7	25.40 27.40	<1.10 <1.10	<1.00 1.00	8	C3 - 2 80	30	1020000				100					<0.243		
	3182	116	\$5.675 67.675	9	5	SO U		7		-	2			0	(1	7 6	\1 \	۸د	20	- r	7 7	1 -3	(0)	1-4	V)	٠ĵ.	J.	٥r	- 3		0		~4 C	770000	3250000		347666	07000	7700	45.26	09*9>	つが ペン	51.5	<0.243 (2.64	7.76	4650
	0	13	\$ 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0		S	96	? r				~																7					0		27/5	80.4 1.45 1.45		20 5	200	8423	5.5	×6.	6.7	100 100 100 100 100 100 100 100 100 100	1 C 243	, co	55
	PARAMETER N	:	HCCPO /	ISUDRIN	1	DIELDRIR	CAUCEN	0000	X X X X	DRCP	OKKP	DIMP		OXATHI ARE	2	Chas	CPFS0	170000 9754787	10.12.41 10.12.41	u =	= =:	OZP-XYIEM	ž	110CE	110015	1120CE	CHCL3	12000		TRIL	IIZICE	TOLEE	•	n ii	۔ انتاد					ROKIUM	-KOMI UH	S C C C C C C C C C C C C C C C C C C C		MERCURY LOSENT	7 2 2 2 F	SP. CGND.

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25022 A	06/18/86	<0.070	010.0>	<0.000 <0.053	090-0>	<0.052	<0.00	<9.31	<12.9	<0.130	<15.2	<10.5	1010	\I.01	<12.76	<4.23	4.66	1.50	<1.21	41.28	<1.55 7.77 7.77 7.77	, ve 3,	2000	<1-20 <1-20	<1.20	<1.40	<0.019.0>	<1.70	04.77	C1-10	<1.30	<0.580	29500	367000				2340	<5.20	×6.00		46.5	<0.243	7.66	880
25016 D	06/17/86	<0.076	0/0-0/	<0.0×0×0×0×0×0×0×0×0×0×0×0×0×0×0×0×0×0×0	0 90 0 0>	<0.052	26.076	<9.31	<12.9	<0.130	<15.2	<10.7	71017	<1+01 	41-76	<4.23	<4.66	47.5	<1.21	<1.28	<1.55 7.7 4.7	74.47	×1.10	<1.20	<1.20	<1.40	<0.616	<1.70	04.77	<1-10 <1-06	<1.30	<0.580	20500	1850000		•	•	4130	<5.20	00.9>	<18.5 <18.5	36.1	<0.543	7.70	3250
25015 A	06/17/86	<0.070	0.000	<0.053 <0.053	090*0>	<0.052	0.070	<9.31	<12.9	<0.130	<15.2	<10.5	71-17	11.01	<1.76	<4.73	44.66	<1.34	<i-21< td=""><td><1.28</td><td><1.55 72 63</td><td>74.47</td><td>(1,10 (1,10</td><td><1.20</td><td><1.20</td><td><1.40</td><td><0.610</td><td><1.70</td><td>04.27</td><td>×1.00</td><td><1.30</td><td><0.580</td><td>53800</td><td>1180000</td><td></td><td>•</td><td>•</td><td>27200</td><td><5.20</td><td>00.9></td><td>< / > < 18.5</td></i-21<>	<1.28	<1.55 72 63	74.47	(1,10 (1,10	<1.20	<1.20	<1.40	<0.610	<1.70	04.27	×1.00	<1.30	<0.580	53800	1180000		•	•	27200	<5.20	00.9>	< / > < 18.5	37.7	<0.243	7.75	2740
25014 0																																				•	•					. •	•	9.65	350
25013 0		<0.070																																		•	•	3890	<5.20	46.00 46.00	< 1.9.5	81.9	<0.243	8.05	009
NUMBER 25011 A	05/30/86	<0.070 <0.070	<0.070 50.070	CO - 05 3	<0.00	<0.052	<0.00	<9.31	<12.9	<0.130	<15.2	<10.5	(I*)	<1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1	41 - 1 ×	<4.73	4.66	<i.34< td=""><td><1.21</td><td><1.28</td><td><1.55 47 47</td><td>75.97</td><td>7.10</td><td><1.70</td><td><1.20</td><td><1.40</td><td>019*0></td><td><1.70</td><td>06.77</td><td><1.00 <1.00</td><td><1.30</td><td><0.580</td><td>167000</td><td>439000</td><td></td><td>•</td><td>•</td><td></td><td>•</td><td></td><td>• 1</td><td></td><td>•</td><td>6.6</td><td>1220</td></i.34<>	<1.21	<1.28	<1.55 47 47	75.97	7.10	<1.70	<1.20	<1.40	019*0>	<1.70	06.77	<1.00 <1.00	<1.30	<0.580	167000	439000		•	•		•		• 1		•	6.6	1220
ZSOLO D	06/18/86	<0.070	\$0.00 \$0.00	<0.00°00°0	090-0>	<0.052	<0.670	<9.31	<12.9	<0.130	<15.2	<10.5	//•T>	<1.01 1.1.1	<1.76	<4.73	<4.66	1.91	<1.21	<1.28	<1.35	16.77	1) 10 1 10	<1.20	<1.26	<1.40	019.0>	<1.70	05.77	V. 1.00	<1.30	<0.580	31200	276000	•	39200	117000	3080	<5.20	46.0 0	7.4.70 7.18.5	<20•1	<0.243	8-76	1040
25009 0	1 4	<6.070																																		77400	137000	3520	<5.20	00.9>	4.404.305.50	<20.1	<0.243	9.23	1210
25008 A	66718/86	<0.070	<0.070 0.070	\0.00 \0.053	<0.00	<0.052	0.00.0>	<9.31	<12.3	<0.130	<15.2	<10.5	1.17	10.17	<1-24 <1-26	<4.73	<4.65	<1.34	<i.51< td=""><td><1.28</td><td><1.55 47.63</td><td>14.73</td><td>77.10</td><td><1.20</td><td><1.20</td><td><1.40</td><td><0.610</td><td><1.70</td><td>05.2></td><td><1.00 <1.00</td><td><1.30 <1.30</td><td><0.580</td><td>140000</td><td>2310090</td><td></td><td>390000</td><td>111000</td><td>6110</td><td><5.20</td><td><6.00</td><td></td><td><20°1</td><td><0.243</td><td>7,37</td><td>3400</td></i.51<>	<1.28	<1.55 47.63	14.73	77.10	<1.20	<1.20	<1.40	<0.610	<1.70	05.2>	<1.00 <1.00	<1.30 <1.30	<0.580	140000	2310090		390000	111000	6110	<5.20	<6.00		<20°1	<0.243	7,37	3400
	06/20/86	20	9	> ~	,	C1	9		_	0					4.0			_		~ .			~ ~	~ ~		_	ా					co	0	0		2	32200	200	2.5	0		69.2	<0.243	44	1470
1 4	36/10/86	-	<0.140 40.140	451.45	865	.739	<6.14¢	34.2	<12.9	7.25	<15.2	285	77.77	×1.01	71.17	122	17.2	<i.34< td=""><td><1.21</td><td><1.28</td><td><i-55< td=""><td>15.75</td><td>22.07</td><td>×1.50</td><td><1.50 <1.70</td><td>554</td><td><0.610</td><td><1.70</td><td>22.6</td><td>1.1/</td><td>49.2</td><td><0.560</td><td>181000</td><td>481350</td><td></td><td></td><td></td><td></td><td>•</td><td>•</td><td></td><td></td><td>•</td><td>4</td><td>1966</td></i-55<></td></i.34<>	<1.21	<1.28	<i-55< td=""><td>15.75</td><td>22.07</td><td>×1.50</td><td><1.50 <1.70</td><td>554</td><td><0.610</td><td><1.70</td><td>22.6</td><td>1.1/</td><td>49.2</td><td><0.560</td><td>181000</td><td>481350</td><td></td><td></td><td></td><td></td><td>•</td><td>•</td><td></td><td></td><td>•</td><td>4</td><td>1966</td></i-55<>	15.75	22.07	×1.50	<1.50 <1.70	554	<0.610	<1.70	22.6	1.1/	49.2	<0.560	181000	481350					•	•			•	4	1966
0 65147	5718186	<0.13° € € € € € € € € € € € € € € € € € € €	20.00 10.00	300°CV	290.00	<0.052	<0.070	<9.31	<12.9	<0.133	<15.2	<10.5	7.17	10.17	77-17	<4.73	<4.66	<1,34	<1.21	<1.23	<1.35 27 2.35	75.77	00.00	7.4.4.0	<1.20	14. 3.	<0.610	<1.70	25.42>	\$5.0E	<1.33	<0.580	36960	784900		7	40	25	\$	V	Ç 7	<20.1	₹ ;	Ç ~	=
EB	<i>-</i>		-		- · ج		_							1	ر پ					~	44	ر ال الم											ء ر يا نين	4					_	£					9

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26085 A	06/26/86	1.85	009.0>	<0°230	<0.500 <0.520	<0°100	<9.31	<12.9	15 2	110	<1.17	(J.61	71-17	<4.23	14.7	4T-34	<1.28	<1.35	45.47	<5.00 .1.	<1.20	<1.20	21.12	07000	<2.40	9.94	VI-00	<0.580	1750000	690000	•	• •	0007	<5.20	00.9>	<18.5	28.9	18.5	4900	
26084 D	06/23/86	070-07	390.0>	<0.053	-CU3	0.07C	<9.31	<12.9	<0.150 <15.2	<10.5	41.77	<1.61	C1.26	<4.23	99.4>	5.81	<1-C1	<1.35	<2.47	\$5.00 13.00	<1.50 <1.20	<1.20	<1.40	70.01	<2.40	<1.10 21.10	41.00 41.30	<0.580	141000	000166	•		2,000	5400 <5. 20	00.9>	<18.5	58.4	<3.88 73.88	1980	
26063 A	06/23/86	070-05	090.0>	<0.053	<0.000 <0.000 <0.000	\$0.02 \$0.07 \$0.07	<9.31	<12.9	<0.150	<10.5	4.17	<1.61	<1.11	<4.23	×4.66															267000		• •	• 200	43n0 45.20	00.99	<18.5 <18.5	29.6	10.1	1460	
26076 A	06/27/86	<0.076 <0.356	090-0>	<0.053	<0.300 0.052	<0.00	<9.31	<12.9	<0.150	7.612	<1.77	19.1>	<1.11 11 26	<4.23	44.66	1.36	<1.28	<1.35	14.5>	<5.00 	<1.20	<1.20	<1.40	<0.00 10.010	<2.40	<1.10	41.00 13.30	770	682000	222000	000161	34800	304000	65.20	00.9>	<18.5	28.1	3.88	2850	
26073 A	06/26/86	007.00	0.09.0>	<0.530	40.50 C	0.02.02	<9.31	<12.9	<0.130	<10.5	<1.77	<1.61	(I.II	<4.23	4.66	42.34	<1.2k	<1.35	<2.47	<5.00	<1.10 <1.20	<1.20	12.0	V0.610	5-75	<1.10		<0.580	174600	579060	•	• •	•	4580	00.9>	<18.5	25.5	43.88	7.65	
ZGU66 D	06/25/86	020.07	45. 060 45. 060	<0.053	<0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0	020.02	<9.31	<12.9	<0.130	517.5 811.5	<1.17	32.8	342	<4.23 <4.23	<4.66	2,17	<1.21 <1.28	<1.35	<2.47	<5.00	<1.20 <1.20	<1.20	<1.40	<5.61c	<7.40 <7.40	3.65	<1.00 2.06 3.06	7.56	1300000	376030		• •	• 1	/370 <5.20	45.00	<1.5 <16.5	50.2	<3.68	5800 5800	
Z6041 A	06/27/86	<0.700 53	<0.600 <0.600	<0.530	00000	072.05	40.5	<12.9	<0.130	15400	<1.77	<1.61	56.1	×4.23	437	50.0	10/0	1.71	19.2	<5°00	(1.20 (1.20	1. 20	<1×40	2*25	07.7	<1.10	1. 00	2,17	5180000	8670000		• •		1.25000 <5. 26	00.9>	<1.9c	98.0	129	7.96 >50000	
26 62 G A	06/27/85	<0.350	090.0>	<0.053	<6.30¢	067-05	<9.31	<12.9	<0.136	<15.2 1126	<1.17	<1.61	3.77	<4.73	99. 4>	<1.34 .1.34	<1.C1	<1.35	<2.47	<5.80 	<1.00 × 1	<1.20 <1.20	9.28	<0.610	07.TV	1.58	25.00	<0.580	596000	131000	•	:		29.90	00°9>	< / > < / > < / > < 1 8 - 5	<20°1	<3.88 <3.88	7.79 2720	
2601.7 4	1 9																													285000		٠.		4540	<6.00	<13.5 <13.5	49.9	<3.38 <3.38	7.67 3000	
26315 A	06/27/86	<0.700	009.0>	<0.530	<0.00°	025.05	<9.31	<12.9	<0.136	<15.2 503	41.17	3.36	11.6	<1.50 <4.73	198	<1.34	17-17	<1.35 <1.35	<2.47	<5.00	<1.10 1.20 1.20	1. 20		<0.00	07.17	<1.10 <1.10	1 • 00 € 17		1310000	3150 434000			•	8369	<6.30	<7.90		7.29	6.97 5320	
26611 A	36/23/86	<6.070 €0.070	392.37	<0.00	310	740.07	20° 62	<12.9	<0.130	<15.2 (15.2)	<1.17	<1.01	3,27	67.45	5.45	<1.34	7.77	C1 + 35	42.47	<5.00 €5.00 €5.00	\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	12°C	<1.40	<0.616 5.616	07-75	<1.10	♦1.	<1.588	1450000	522v 572v60				9696 > 5-76	6.63	<7.50 <18.5	59.3	5.01 5.01	7.49 5500	
25023 0	06/25/86	\$0.070 \$70.070	50000 5000 5000	<6.053	(30°C)	70°00'	<9.31	1 <12.9	\ <u-135< td=""><td>2.512.7</td><td>×15.7</td><td>1 <1.61</td><td>1 <1-11</td><td>1 <1.24</td><td>99.42</td><td>1 <1.34</td><td>/ <1.21 / /1.21</td><td>7.4.26</td><td>1 <2.67</td><td>\ <5.cc</td><td>/ \1.16</td><td>97.17</td><td><1.40</td><td><0.613 V <0.613</td><td>67 - 70 67 - 70 67 - 70</td><td>1 0 10</td><td>00°€</td><td>25°</td><td>15163</td><td>7, 14,365.5 14,365.5</td><td></td><td>• •</td><td>• •</td><td>1940</td><td>\ 46.60</td><td>/ 67. %</td><td>1 32.7</td><td>\ 65.88</td><td>1 7-27</td><td></td></u-135<>	2.512.7	×15.7	1 <1.61	1 <1-11	1 <1.24	99.42	1 <1.34	/ <1.21 / /1.21	7.4.26	1 <2.67	\ <5.cc	/ \1.1 6	97.17	<1.40	<0.613 V <0.613	67 - 70 67 - 70 67 - 70	1 0 10	00°€	25°	15163	7, 14,365.5 14,365.5		• •	• •	1940	\ 46. 60	/ 67. %	1 32.7	\ 65.8 8	1 7-27	
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27055 0	06/16/86	0.000	090.0>	50.055 50.050	<0.052	<0.00	<9.31	6777	C15.7	<10.5	41.77	<1.61 \	<1.11 \\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	44.73	4.66	<1.34 \	<1.21	07.17	<2.47	<5.00	<1.10	<1.20	<1.20 <1.20	019-0>	<1.70	<2.40	VI-10	<1.30	<0.580	2290	<100000 <100000	4440	< 500	56500	<5.20 <5.20	00.9>	<7.90	32.3	<0.243	9.72	180
27053 A	06/16/86	070-07	0 90 0 0>	00000	<0.052	070.0>	<9.31	<12.9	<0.15U	<10.5 <10.5	<1.77	<1.61	(1.11 (1.21)	4.73	99* 5>	<1.34	<1.21	27.17	<7.47	<5.00	<1.10	<1.20	<1.20	319-02	<1.70	<2.40		<1.30 <1.30	<0.530	122000	51200	85700	12500	87400	55 du	00-9>	<7.90 <18.5	54.9	<0.243	7.96	019
27040 A	06/19/86	00/-0>	009*0>	60.530	<0.520	<0.700	<9.31	<12.9	9436	43.6	<1.17	<1.61	<1.11 .:.21	41.73	<4.66	<1.34	<1.21	<1.25	<7.67	<5.00	<1.10	<1.20	<1.25	7.74	<1.70	<2.40	8.46	<1.30	<0.580	927000	662000	000335	91500	000269	69.20 <5. 20	00.9>	<7.90	42.5	<0.243	7.18	3000
27016 A	06/26/86	0/0-0>	090*0>	<0.002 0.003	<0.052	<0.350	<9.31	<12.9	40.130	<10.5	<1.17	<1.61	<1.11 (1.11	<1.00 <4.73	44.66	<1.34	<1.21	97.1>	<22.67	<5.00	<i.10< td=""><td><1.20</td><td><1.20</td><td>CO.610</td><td><1.70</td><td>04.2></td><td><1.10 </td><td><1.30</td><td><0.580</td><td>683000</td><td>322000</td><td>40500</td><td>22300</td><td>712000</td><td>45.20</td><td>00.9></td><td><7.90 <18.5</td><td>39.7</td><td><0.243</td><td>7.65</td><td>3240</td></i.10<>	<1.20	<1.20	CO.610	<1.70	04.2>	<1.10 	<1.30	<0.580	683000	322000	40500	22300	712000	45.20	00.9>	<7.90 <18.5	39.7	<0.243	7.65	3240
27005 A	06/16/86	0/0.0>	090.0>	<0.053	<0.050	<0.010	<9.31	<12.9	<0.150 <15.2	77.7	<1.17	<1.61	(i-11	07-17	99.60	<1.34	<1.21	87.17	<1.53	\$5.00	<1.10	<1.20	<1.20	<1-40 <0-610	<1.70	<2.43	25.	<1.30	<0.580	116000	29100	001.70	14300	80100	3270 55.70	<5.00	<7.90 .13.5	40.1	<0.243	7.80	106
NUMBER	06/20/86	0/0.00	090 0>	<6.053	<0.000 <0.052	<6.070	<9.31	<12.9	<0.150 116 2	×10.5	<1.17	<1.61	(1.1)	<1.73 <4.73	<4.66	5.64	<1.21	87.17	41.55 47.67	60.5	<1.10	<1.20	<1.20	×1.40	<1.70	<2.40	<1.13	<1.30 <1.30	<0.580	250000	1110000	105000	142 666 6100	9 65 000	06.5>	<6.00	<7.90 20.5	21.2	<0.243	8.15	2140
26142 D	06/24/86	6.73	009-0>	<0.530	1.56	<0.750	<9.31	<12.9	<0.130 <15 3	<10.5	<1.77	<1.61	41.11	67.17	4.66	<1.34	<1.21	<1.28	<1.50 50 67	(2°47)	<1.10	<1.20	<1.20	61.4 €	<1.76	<2.43	0.4. 0.4.	<1.30 <1.30	<0.580	52860	234000		554	182000	<1260 <5.20	09*9>	<7.90 71.55	<20.1 <20.1	<0.243	7.89	880
26140 D	06/24/86	070.07	090-0>	<0.053	101	<0.070	<9.31	<12°6	<0.130	21012	C1.77	<1.61	</td <td>97.17</td> <td>99 47</td> <td><1.34</td> <td><1-21 <1-21</td> <td><1.28 21.28</td> <td>CL 35</td> <td><55.00</td> <td><1.10</td> <td><1.20</td> <td><1.50 21.20</td> <td>019:02</td> <td><1.7û</td> <td><2.40</td> <td>\$10 \$10 \$10</td> <td>20.1</td> <td><0.580</td> <td>093669</td> <td>307000</td> <td>•</td> <td>32000</td> <td>248000</td> <td>3750</td> <td>00.9></td> <td><7.90 .10 .10 .10 .10 .10 .10 .10 .10 .10 .1</td> <td>53.5</td> <td><0.243</td> <td>7.45</td> <td>2720</td>	97.17	99 47	<1.34	<1-21 <1-21	<1.28 21.28	CL 35	<55.00	<1.10	<1.20	<1.50 21.20	019:02	<1.7û	<2.40	\$10 \$10 \$10	20.1	<0.580	093669	307000	•	32000	248000	3750	00.9>	<7.90 .10 .10 .10 .10 .10 .10 .10 .10 .10 .1	53.5	<0.243	7.45	2720
26133 A		<0° 700						<258	26.4	277	<1.77	15.4	59.7	719	071	645	356	7.17	0 4 4 4 4 4 4 4	640	<1.10	8.34	<1.20	19200	<1.70 <1.70	<2.40	27.4	21000	5,25	2800000	22060	•			17100	\$6.00 \$6.00	<7.93	34.5	<0.243	7.12	8160
25128 D	06/24/86	1.00	<0.09.0>		4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	<0.700	<9.31		< 0.130	7,507	<1.77	7.02	72.4	79*7	14.3	<1.34	<1,21	<1.28	<1.35 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00	<5.00 <5.00	<1.10	<1.20	<1.26	<1.40 <1.60 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00		<2.40	01.15 1.15	<1.30 <1.30	2,63	915000	391000				4330 <5.20	\$ \$.00 \$.00	<7.90	<20°2	<0.243	7,33	3280
	05/26/86	926*0>	<0.300	<0.053	1 4 4 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	<0.670 <0.670	<9.31	<12.9	<0.13C	7 0 0 0 L	51.77	5.35	54.6	<1.26.	7.00	<1.34	2.47	</td <td><1.05 6.1 6.1 6.1</td> <td>(1) (1) (1) (1) (1) (1) (1) (1) (1) (1)</td> <td><1-15 <1-15</td> <td><1.20</td> <td>92.1></td> <td>C1.450</td> <td></td> <td><2,40</td> <td>01. 1.</td> <td>00000</td> <td><0.580 <0.580</td> <td>896660</td> <td>1461 318868</td> <td>•</td> <td>• •</td> <td></td> <td>13 6</td> <td>.i</td> <td>36.7</td> <td>40</td> <td>C0.243</td> <td>7.21</td> <td>2615</td>	<1.05 6.1 6.1 6.1	(1) (1) (1) (1) (1) (1) (1) (1) (1) (1)	<1-15 <1-15	<1.20	92.1>	C1.450		<2,40	01. 1.	00000	<0.580 <0.580	896660	1461 318868	•	• •		13 6	.i	36.7	40	C0.243	7.21	2615
\ 256.c5 D	65/24/86	6.57	20.00	V <0.053	\$49. 147.	4. 40. 07.3	1 09.31	1 <12.9	/ <0.130	7.675	1 501	\ <1.6!	1 13.6	\ <1.26 \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	7 44 45 7	/ <1.34	1 <1.21	\ <1.28	< <1.35 < <2.55 < <2.55	7 65.27		\ <1.26	1 <1.29	7 41.46	/ (1.40±0	1 <2.46	/ <1.19	7 KANG	\ <0.58u	1 739000	1 3536c	•	• •	• •	7 3468	90.92	1 <7.90	/ <23.1 / <23.1	1 <2.243	7.52	1 2289
PARAMETER	TE TE	HCCPD	ISCORIN	+	DIELDRIN	DOL	OCPD	MISK	Cecp	UNION OTATO	JUNE CONTRACTOR	• 2	ب تخ	CPRO	CUVE C		لنا	22.	N-XILE NE	_1	11DCE	IDCLE	TIZDCE	CHCL3	11176	בנו ל	TROLE	1121 Tri fr			نبان		a c	N.		CHRONIUM		71NC	RERCURY		SP. CORC.

RAM TASK 4 WATER QUALITY DATA -

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	31006 A	05/29/8	<0.00	<0.00 0.03	V0.060	040.07	<0.050 <0.052	<0.070	<9.31	<12.9	<0.130	<15.2	<10.5		71.07	<1.26	<4.23	44.66	7.54	77.17	<1.35 <1.35	<2.47	<5.00	<1.10 <1.10	61. 20	07*1>	<0.610	<1.70	42.40	<1.00 ×1×	<1.30	165000	1310		•		•	•	•		•	7.83	1730
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	30009 A	05/29/86	<0.070	<0.00	040-07	0000	<0.00 <0.052	<0.070	<9.31	<12.9	<0.130	<15.2	<10.5	17 17	<1.11	<i.26< td=""><td><4.23</td><td>44.66</td><td>×1.54</td><td>×1.04</td><td><1.35</td><td><2.47</td><td><5.00</td><td><1-10 -1-10</td><td>02-1></td><td>01-4U</td><td>019.0></td><td><1.70</td><td>45°40</td><td><1.00</td><td><1.30</td><td>97300</td><td>1590</td><td>•</td><td>•</td><td></td><td>•</td><td></td><td>•</td><td>• •</td><td>•</td><td>7.79</td><td>1670</td></i.26<>	<4.23	44.66	×1.54	×1.04	<1.35	<2.47	<5.00	<1-10 -1-10	02-1>	01-4U	019.0>	<1.70	45°40	<1.00	<1.30	97300	1590	•	•		•		•	• •	•	7.79	1670
-	2 0	27/86	010	3/0	200	100	550	070		•	•	•	•	•	• •	•	•	•	•	•	• •		•	•	•	• (•			•		• •		•		•	• •	•	• •	•	6.88	9
KUMB ER	26027 A	06/04/86	010	<0.070	\c.	090-09	<0.05	<0.070 <0.070			<0.130	•	•	•			•	•	1.40	17. C.	<1.35 <1.35	<2.47	<5.00	<1.10	<1.20 <1.20 <1.20	V1. CD	<0.610	1.95	04.52	<1.00	<1.30 20 20 20 20 20 20 20 20 20 20 20 20 20	34000	4.32.60		76800	46400	2740	00.9>	<7.90	50.5	90	8.02	0
	23026 D	07/01/86	070	<0.00	40.00 053	090-07	<0.05 <0.05 <0.05	<0.0°0	<9.31	<12.9	<0.130	<15.2	<16.5 [[]	71.7		<1.26	<4.23	<4.65 	4.07	C1.23	<1.35	<2.47	<5.00	<i-10< td=""><td><1.20 2.10 2.10 2.10 2.10 2.10 2.10 2.10</td><td>7-1-</td><td><0.610</td><td>20</td><td>\$5.40 1.50 1.50 1.50 1.50 1.50 1.50 1.50 1.5</td><td><1.00</td><td>C1.30</td><td>300</td><td>2350</td><td></td><td>6310</td><td>60200</td><td>3160</td><td>\$5.00 \$6.00</td><td><7.90</td><td><18.5 <26.1</td><td><0.243</td><td>າ ຄຸ້ອ ຄຸ້ອ ຄຸ້ອ</td><td>298</td></i-10<>	<1.20 2.10 2.10 2.10 2.10 2.10 2.10 2.10	7-1-	<0.610	20	\$5.40 1.50 1.50 1.50 1.50 1.50 1.50 1.50 1.5	<1.00	C1.30	300	2350		6310	60200	3160	\$5.00 \$6.00	<7.90	<18.5 <26.1	<0.243	າ ຄຸ້ອ ຄຸ້ອ ຄຸ້ອ	298
******	28025 D	06/19/86	076	<0.00°	00000	290-02	<0.05	0.00	<9.31	<12.9	<0.130	<15.2	<10.1 11.1 11.1 11.1 11.1 11.1 11.1 11.1	17.17	(1.11	<1.26	<4.23	44.00	77.04	<1.78 <1.78	<1.35	<2.47	<5.00	<1.10	07.17	05.17	<0.610	<1.70	9.57	<5°00 <5°00	1.3 0	<4800 <4800	<1220 28300		40700	7.0	· •		/	71	√i «	SA	720
		06/13/86		<0.070	46.06U	00000	<0.052	<0.070 <0.070	<9.31	<12.9	<0.130	<15.2	<10°,5		<1.11	<1.26	<4.23	<4.00 2.3.36	47.04 61.21	<1.28	<1.35	<2.47	<5.00	<1.10	02.17	<1.40	<0.613	<1.70	04.7	<1.00	<1,30 <1,30 <1,00 <1,00 <1,00 <1,00 <1,00 <1,00 <1,00 <1,00 <1,00 <1,00 <1,00 <1,00 <1,00 <1,00 <1,00 <1,00 <1,00 <1,00 <1,00 <1,00 <1,00 <1,00 <1,00 <1,00 <1,00 <1,00 <1,00 <1,00 <1,00 <1,00 <1,00 <1,00 <1,00 <1,00 <1,00 <1,00 <1,00 <1,00 <1,00 <1,00 <1,00 <1,00 <1,00 <1,00 <1,00 <1,00 <1,00 <1,00 <1,00 <1,00 <1,00 <1,00 <1,00 <1,00 <1,00 <1,00 <1,00 <1,00 <1,00 <1,00 <1,00 <1,00 <1,00 <1,00 <1,00 <1,00 <1,00 <1,00 <1,00 <1,00 <1,00 <1,00 <1,00 <1,00 <1,00 <1,00 <1,00 <1,00 <1,00 <1,00 <1,00 <1,00 <1,00 <1,00 <1,00 <1,00 <1,00 <1,00 <1,00 <1,00 <1,00 <1,00 <1,00 <1,00 <1,00 <1,00 <1,00 <1,00 <1,00 <1,00 <1,00 <1,00 <1,00 <1,00 <1,00 <1,00 <1,00 <1,00 <1,00 <1,00 <1,00 <1,00 <1,00 <1,00 <1,00 <1,00 <1,00 <1,00 <1,00 <1,00 <1,00 <1,00 <1,00 <1,00 <1,00 <1,00 <1,00 <1,00 <1,00 <1,00 <1,00 <1,00 <1,00 <1,00 <1,00 <1,00 <1,00 <1,00 <1,00 <1,00 <1,00 <1,00 <1,00 <1,00 <1,00 <1,00 <1,00 <1,00 <1,00 <1,00 <1,00 <1,00 <1,00 <1,00 <1,00 <1,00 <1,00 <1,00 <1,00 <1,00 <1,00 <1,00 <1,00 <1,00 <1,00 <1,00 <1,00 <1,00 <1,00 <1,00 <1,00 <1,00 <1,00 <1,00 <1,00 <1,00 <1,00 <1,00 <1,00 <1,00 <1,00 <1,00 <1,00 <1,00 <1,00 <1,00 <1,00 <1,00 <1,00 <1,00 <1,00 <1,00 <1,00 <1,00 <1,00 <1,00 <1,00 <1,00 <1,00 <1,00 <1,00 <1,00 <1,00 <1,00 <1,00 <1,00 <1,00 <1,00 <1,00 <1,00 <1,00 <1,00 <1,00 <1,00 <1,00 <1,00 <1,00 <1,00 <1,00 <1,00 <1,00 <1,00 <1,00 <1,00 <1,00 <1,00 <1,00 <1,00 <1,00 <1,00 <1,00 <1,00 <1,00 <1,00 <1,00 <1,00 <1,00 <1,00 <1,00 <1,00 <1,00 <1,00 <1,00 <1,00 <1,00 <1,00 <1,00 <1,00 <1,00 <1,00 <1,00 <1,00 <1,00 <1,00 <1,00 <1,00 <1,00 <1,00 <1,00 <1,00 <1,00 <1,00 <1,00 <1,00 <1,00 <1,00 <1,00 <1,00 <1,00 <1,00 <1,00 <1,00 <1,00 <1,00 <1,00 <1,00 <1,00 <1,00 <1,00 <1,00 <1,00 <1,00 <1,00 <1,00 <1,00 <1,00 <1,00 <1,00 <1,00 <1,00 <1,00 <1,00 <1,00 <1,00 <1,00 <1,00 <1,00 <1,00 <1,00 <1,00 <1,00 <1,00 <1,00 <1,00 <1,00 <1,00 <1,00 <1,00 <1,00 <1,00 <1,00 <1,00 <1,00 <1,00 <1,00 <1,00 <1,00 <1,00 <1,00 <1,00 <1,00 <1,00 <1,00 <1,00 <1,00 <1,00 <1,00 <1,00 <1,00 <1,00 <1,00 <1,00 <1,00 <1,00 <1,00 <1,00 <1,00 <1,00 <1,00	83400	<1229 160000	•	146000	71000	4490	66.63	<7.90	25.5	<0.243	7.91	750
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	27656 0	16/	070	٠	<u>.</u>	• ~		- C	~	r.	٦,	Lri c	3.	• 4	3 -	2	~	9"	J.	1,	1 ~	-3	<u></u>	ء ہے۔	<i>'</i> ڀ ر	0 0 0 0 0	9		3 m	3		46.0	1656 192650	3	15200					31.7			
	(J)	56/16/	<0.02		0 0 0 V	40 F C V	CO = 0.5	303																								59555	\ <1220 \ 275963				2200			27.3			1393
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33030 A	/ *************************************	<0.070 <0.070	00.070	<0.053	<0.00	<0.052 0.00 0.00	2000		1.90		•	•	•		•	•	<1.34	<1.21	<1.28	<1.35	15077	C>-00	207	71.50	<1.40	<0.610	<1.70	05.27	VI-10	<1.30	<0.580	79300	152000	173000	138000	19200	71800	3890	\$2°50	00-02	<18.5	246	-	7.87	63
33027 B	700	<0.07 <0.07 <0.07 <0.07	0	0.25	•06	0.0	2		<0.130	•		•	• (•	•	2.46	<1.21	<1.28	<1.35	14.7>	00.00	<1.10 <1.20	97.17	<1.40	<0.610	<1.70	04.2>	21-13	<1-30 <1-30	<0.586	11300	1990	20000	7630	<500	71200	<1260	02*5	00.67	<18.5	<20.1	. 3 88	11.0	275
33026 D	********	<0.070	<0.00	<0.053	<0.050	<0.052 0.052	0.000		<0.130	•	•	•	•		•	•	<1,34	(1.21	<1.28	<1.35 	15.77	<2.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00	VI.10	17.00	<1.40	<0.610	<1.70	05.2>	VI-10	×1-30	<0.580	10900	07/1	nance	12300	546	81900	<1260	<5.20 <5.20	00.67	<18.5	<20.1		9.40	310
33025 A		00,000 00,000 00,000	<0.03 0.03 0.03 0.03 0.03 0.03	<0.053	090.0>	<0.052 0.052	010.0		<0.130		•	•	•																			57700			50	20	8	2	7	20	<13.5	8	22 20	9.11	069
33024 A		<0.07 C6 / 07 C6	<0.070	<0.062	<0.00	<0.052 0.052	0/00/0		<0.130		•	•	•			•	<1.34	<1.21	<1.28	<1,35	14.2>	8.5	<1-10 -1-20	27.17	05-12	<0.610	<1.70	42.40	00.00	<1.50 <1.30	<0.580	46600	2777	74000		11300			NIC	20	<13.5 <13.5	117		8.20	675
33023 A	1:	202	<0.00	<0.00 0.053	<0.060	<0° 052	0/0 °0 v	. •	<0.130		•		• 1				2.28	<1.21	<1.28	<1,35	14.7>	<5.00 	* I. IU	×1.50	VI-40	<0.610	<1.70	< 2, 40 2, 40	/•56 /1 00	<1.30	<0.580	56100	0777>	34200	115060	13100	56200	2830	<5° 26	×0.00	22.1	116	. 22	7.65	-
11.4	1	0	D :	3 m	, c	N ₂	-		<0.130		•	•	•				3.48	<1.21	<1.23	<1.35	<2°47	<5.00 (1.20	<1-10 <1 20	×1.50	<1.40 <1.40	<c.610< td=""><td><1.70</td><td>×2.40</td><td>0.03</td><td><1.30 <1.30</td><td><0.580</td><td>51200</td><td>0271></td><td>CARTOT</td><td>~</td><td>3500</td><td>a,</td><td>~</td><td>_</td><td>* ~</td><td>22.6</td><td>2</td><td></td><td>7.90</td><td>()</td></c.610<>	<1.70	×2.40	0.03	<1.30 <1.30	<0.580	51200	0271>	CARTOT	~	3500	a,	~	_	* ~	22.6	2		7.90	()
		6 / U6 / B	•	• (•	•		<0.130		•		•	• •			2.88	(1.21	<1.28	<1.35	42-47	<5. 00	<1. 10	<1.50 21.20	04-12	<0.610	<1.70	<2.40 	<1.10 1.10	<1.30 <1.30	<0.580	11600	1750	00000	36966	1920	73000	6980	6.00	50°0	<13.5	<20.1	~	53.55 9.04	
33002 A			020-02	<0.050	090*0>	<0.052 60.052	0/0*0>		<0.130		•	•	•	• •			<1.34	<1,21	<1.28	<1.35	45.47	<5.00 45.00	<1.10 31.30	<1.25 2.30 2.10 2.10 2.10 2.10 2.10 2.10 2.10 2.1	V1.40	<0.610	<1.70	<2.40	5 × 3 9	<1.30 <1.30	<0.580	113000	<1220 20000	778000	165000	22400	119000	2990	<5.23 27.23	00.00	<18.5	10		7.47	36
101 A	1	9	070	200	060	.052	0/0	• •	•	•	•	•	•	• •					•		•	•	•	•	•			•	•	•			•	•	• •	•		•	•	•	• •		•	10	1380
		65/36/86 <0.670							<0.130	<15.2	2.5 2.5 3.3 3.3 3.3 3.3 3.3 3.3 3.3 3.3 3.3 3	//•1>	77.17	<1.26	<4.23	99.45	41.34	<1.21	<1.28	<1.35	<2.47	30.5	<1.10	27*TV	77.70 71.40	<0.616		42.46	97.70	7.7. 3.C	<0.550 <0.550			211000					•	•			•	• en	5
1957 0		9	5.676	0.40¢J	0.00	0.152	0	46.51	0.130	15.2	1.0.5 2.5.5	1011	7 - F	1 - 76	23.5	4.66	· · ·	1.21	L-28	1.35	2.47	٠. د. د.		32.1	0.74	0.610	1.76	2.43		7 C C	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0	4966	1220	1000	• (•		•	•		• •			36
168	-	LATE /	, . :	, , e	'I'	<u></u>			_	-		 !:	م م الله الا	 	۔	_	-	_	1 74	<u>ال</u>	ر مر المثانة المثانة المثانة					<i>ر</i> ،	_	. مر		- <u>-</u>	سر م	, <u>199</u>	, e	م م د	^ <i>_</i>				<u>ئ</u> ج				MERCUSY		SP. CONG. 1

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35037 A	06/13/86/	<0.060	2.03	<0.070	<12.9	<15.2	(1°7)	2. 2. 1. 1.	<1.26	44.66	<1.34 <1.21	<1.28	<2°47	65.00	<1.20	<1.20	<0.610	<1.70	01-10		<0.580 274000		00	176000	ON	6.00° 67.90	<18.5 59.9	<3.88 <3.88	980
35034 A	06/20/86	<0.060 <0.053 <0.053	.677 <0.052	<0.070	<12.9 <0.130	<15.2	×1-17	2. 1. 1.	<1.26	<4.66	42.7	<1.28	42.47	<5.00 .10	<1.20	<1.20 8.34	<0.610	<1.70	12.	1.30 1.30	<0.580 694000	2700	239000	177000	4490	66.90	<18.5 56.1	<3.88	7.56
0	06/12/86	<0.060 <0.060 <0.053	<0.060	<0.070	<12.9	<15.2 <15.2	C10-2	<1.61 <1.11	<1.26	99.4>	<1.34 <1.21	<1.28	<2.47	<5.00 5.18	1. 20	<1.20	<0.610	<1.70 56.0	9.11	4.31	<0.580 89760	<1220 183000	101000	140000	5410	<6.00 <7.90	<18.5 27.0	<3.88	7.55 1050
35012 0	06/11/86	<0.053	220	<0.070	<12.9	<1520	41.77	37°4 345	<1.26	4.66	39.6	<1.28	<2.47	\$5.00 \$1.10	<1.20	<1.20 <1.40	<0.610	<1.70	2.07	<1.30 <1.30	58.3	3080 665000	1010000	92500	6780 <5.20	06*6>	<18.5 75.1	<0.243 14.2	12•0 4400
34515 A	06/09/86			-	60 130	7		• •			4.34	<1.28	42.47	<5.00 2.1	<1.20 <1.20	<1.20 41.20	<0.610	61.10	1.10 1.00 1.00 1.00 1.00 1.00 1.00 1.00	<1.30 <1.30	<0.580 68200	<1220 149000	190000	28000	3870 <5.20	00.9>	<18.5 <20.1	<3.88	7.65
11HBER 34009 0	36/13/86	<0.050<0.053	<0.050 <0.050 <0.050	<0.070 <9.31	<12.9	<15.2	410.5	<1.61 <1.11	<1.26	99.4>	<1.34 <1.21	<1.28	<1.35 <2.47	<5.00	<1.20	<1.20	<0.610	<1.70 <2.40	(I.10	<1.00 <1.30	<0.580 7730	1460 57800	19800	1480	3960 < 5.20	6.00	<18.5	<0.243	9.56 300
	06/13/86																							14360 70500	4346 <5 •20	\$6.00 \$7.90	<18.5 4C.5	<0.243 <3.58	7.96
i	98																							സമാ	5	95	<18.5 22.1	00	228
33061 A	C6/09/86 <c.070< td=""><td>030.05</td><td><0.060 <0.060 <0.052</td><td><0.070</td><td>-</td><td>40-1.5U</td><td></td><td></td><td></td><td></td><td><1.34 <1.21</td><td><1.28</td><td>CL.35</td><td><5.00</td><td><1.10 <1.20</td><td>41.20</td><td><0.610</td><td><1.70</td><td>9.91</td><td>41.00</td><td><0.580 52200</td><td><1220 <1220 110000</td><td>138000</td><td>16900 75700</td><td>5150 <5.20</td><td>00.9></td><td><18.5 31.4</td><td><3.58</td><td>8.35 550</td></c.070<>	030.05	<0.060 <0.060 <0.052	<0.070	-	40-1.5U					<1.34 <1.21	<1.28	CL.35	<5. 00	<1.10 <1.20	41. 20	<0.610	<1.70	9.91	41.0 0	<0.580 52200	<1220 <1220 110000	138000	16900 75700	5150 <5.20	00.9>	<18.5 31.4	<3.58	8.35 550
33060 A	06/54/86	200	58.5	50		47.130		• •		• •	1.34	<1.23	<1.35	<5. 30	<1.16 <1.20	<1.20 <1.20 <1.20	<0.610	<1.70	<1.10	1. 90 1. 30	<0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00	41220 83000	89200	10800 59506	2800	<6.00	<18.5 35.9	<3.38	7.71
934		13.7		0.0	;	C0-155		•			3.61 0.21	\$1.23 \$1.23	5.5	\$5.96	<1.13 <1.75	<1.20 <1.20	<1.40 <0.610	9	31.12	<1.00 <1.30	40.58040.580	1410 1410 14100	0	2520 91560	<1260	00.99	<18.5 <20.1	<3,36	\$ 50 \$ 50 \$ 50 \$ 50 \$ 50 \$ 50 \$ 50 \$ 50
33032	36/13/66	70.0V	20°00 20°00 20°00	\$6.57			• •	•			3.77	41.7	20	45. 5	40	2.12		<1.70	75	7	100	<pre>/ <1226 / 16900</pre>	9560	SI	3769	199		\$3 5	12.5 555
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36001 A \	06/23/861	001.00	1 009.0>	<0.530	600	<0.700		3740	141	84.8	<10.5	0.77	10.17	77.05	26-23	67.73	_															189000	3380	197060	98600	36400	260000	0407	00.99	<7.90	418.5	722	<3.88	1870	2
35068 D	06/19/86	0/0-0>	090-0>	<0.053	200.00	×0.07	<9.31	<12.9	<0.130	<15.2	<10.5	1017	10-17	77 17	×4.23	44.66	5.02	<1.21	<1.28	<1.35	<2.47	<5.00	<1.10 3.10	\$7.70 \$1.20	07.1	01970	<1.70	<2.40	<1.10	<1.00 30 30 30 30 30 30 30 30 30 30 30 30 3	<1.50 <0.580	65100	1500	300169	89060	20	25 9000	22.20	00.9>	<7.90	<18.5 62.0	<0.243	<3.88	3120	21
35067 0	06/19/86	070-07	090-0>	<0.053	00000	×0.070	<9.31	<12.9	<0.130	<15.2	<10.5	7-17	10-17	41.T	27.77	44.66	300	<1.21	<1.28	<1.35	<2.47	<5.00	<1•10	<1.20 2.15	07-17	019.00	<1.70	<2.40	<1.10	20017	<1.50 <0.580	151000	1940	1990000	437000	85400	611000	0140	00.9>	<7.90	<18.5	<0.243	<3.83	7870	2
35065 A	06/30/86	0/0-0	<0.060	<0.053	090.00	<0.00	33.9	<12.9	<0.130		1940	11.17	ナナ・ハ	7.00	10.7	757	C1.34	<1.21	<1.28	<1.35	45.47	<5.00	<1.10	1.35	07*17	019-U2	<1.70	<2.40	8.09	00.17	10.4	823000	4710	4070600	570000	331000	1250000	2420	00.9>	<7.90	<18.5	<0.243	<3.88	9250	277
35063 D	06/18/86	0.070	<0.00	<0.053	090.00	<0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00	<9.31	-	<0.130	<15.2	<10.5	(I•1)	10.17	1 00	44.73	44.66	6-05	<1.21	<1.28	<1.35	<2.47	\$ 00.00	<i-10< td=""><td><1.20 <1.20</td><td>07*17</td><td>CG-610</td><td><1.70</td><td><2.40</td><td><1.10</td><td>~1.00</td><td><t- 50<="" td=""><td>61500</td><td><1220 <1220</td><td>479000</td><td>53200</td><td>1740</td><td>262000</td><td>75 20</td><td>00.9></td><td><7.90</td><td><18.5</td><td><0.243</td><td><3.88</td><td>15.41</td><td>700</td></t-></td></i-10<>	<1.20 <1.20	07*17	CG-610	<1.70	<2.40	<1.10	~1. 00	<t- 50<="" td=""><td>61500</td><td><1220 <1220</td><td>479000</td><td>53200</td><td>1740</td><td>262000</td><td>75 20</td><td>00.9></td><td><7.90</td><td><18.5</td><td><0.243</td><td><3.88</td><td>15.41</td><td>700</td></t->	61500	<1220 <1220	479000	53200	1740	262000	75 20	00.9>	<7.90	<18.5	<0.243	<3.88	15.41	700
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H A	06/17/86	<0.070 <0.070	<0.000	<0.053	30000	<0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0		•	<0.130	<15.2	<10.5	41.77	10.17	71.17	07**	<4.66 <4.66	44.74	<1.21	<1.28	<1.35	<2.47	<>.00	<1.10	<1.20 1.20	61. 20	014.07	<1.70	<2.40	<1.10	<1.00 	<1.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00	215600	2550	1040000	315000	77500	310000	4300	90.90	<7.90	<18.5 02506	<0.243	<3.88	7600	7 7 7 7
35059 0	06/17/86	070-02	<0.00	<0.053	090 00	20.02	<9.31		30	ري	10	<u> </u>	٠,	-4-	٥٣	3 4	2	-	00	5.	1	30	9	وت	<u>ې</u> د	25	3	۽ د	0	9	2 8	000		000	79966	6730	226000	1656	25°9	47.90	21.9	<0.243	<3.8¢	\$ T #0	27.0
35058 A	06/17/86	020-02	<0.00	<0.053	1.51	<0.00 <0.00 <0.00	<9.31 <9.31	<12.9	<0.133	<15.2	<10.5	<1.77	19.17	71*17	VI.20	44.66	<1.34	<1.71	<1.28	<1.35	<2.47	<5.00	<1-10 <1-10	<1.20	<1.29	70.610	<1.70 <1.70	<2.40	<1,10	<1.93	\T. 50	277000	1590	154000	131900	43400	185000	5956	02.0	<7.90	<18.5	<0.243	<3.83	2.66 1240	4679
1 ~2	06/25/86	60.070	<0.00	<0.053	<0.00 40.060	20.02	<0.5 <0.31	<12.9	<0.130	<15.2	<10.5	41.11	19.15	(1•11 ;; 3/	07.TV	44.66	<1.34 .34	</td <td><1.28</td> <td><1,35</td> <td><2,47</td> <td><5.00</td> <td><1.10</td> <td><1.20</td> <td>1.62</td> <td>A1.45</td> <td><1-1-15 CIT 1-15 CIT</td> <td>64.2></td> <td><1,10</td> <td><1,00</td> <td><1.59 <0.580</td> <td>739000</td> <td><1220</td> <td>256300</td> <td>4</td> <td>33</td> <td>9</td> <td>⊋^</td> <td>4 6</td> <td></td> <td>ec ~</td> <td>ر. ا</td> <td><3.38 73.38</td> <td>~ C</td> <td>_</td>	<1.28	<1,35	<2,47	<5.00	<1.10	<1.20	1.62	A1.45	<1-1-15 CIT 1-15 CIT	64.2>	<1,10	<1,00	<1.59 <0.580	739000	<1220	256300	4	33	9	⊋^	4 6		ec ~	ر. ا	<3.38 73.38	~ C	_
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36139 A	06/30/86	90	20	55	200		5	313	9-04	329	64.73	4.66	<1.34 .1.34	17-17	<1.35	45.47	<1.10	<1.20	3.05	17.0	<1.70 <2.40	01.10	<1.30	<0.580	4410		253000	200	5	-	1.9	<0.243 28.3	502	
36121 B	06/30/86			• •	<9.31	0217	<15.2	<10.5		•	• (2340		568000 90500	~ (90	
36114 D	07/01/86 <0.070	090 00	090.0>	<0.052	69.31	<15.9 <0.120	<15.2	<10.5	19-17	(1°1)	27.17	64.66	<1.34	C1.21	<1.35	<2°47	<i.10< td=""><td><1.20</td><td><1.20 <1.40</td><td><0.610</td><td><1.70</td><td>41.10</td><td><1.00</td><td>40.580</td><td>1370</td><td>•</td><td>100000</td><td>8460</td><td><5.20 <6.60</td><td>7.92</td><td><20.1</td><td><0.243</td><td>10.4</td><td></td></i.10<>	<1.20	<1.20 <1.40	<0.610	<1.70	41. 10	<1.00	40.580	1370	•	100000	8460	<5.20 <6.60	7.92	<20.1	<0.243	10.4	
36113 D	07/01/86	09	09	25	2	2,4	22	N. F	-	-	م ب	9	*	- ac	22	75	20	0	00	0	05	200	22	080	000		\$6500 4000	4980	<5.20 <6.00	06.77	38.6	<0.243	8.14 790	
36112 A	06/30/86	149	<0.000	<0.052 <0.070	<0.31 <0.31	417.9	<15.2	1460	73-3	541	66.23	99.4>	3.65	17.17	<1.35	75.47	×1.10	<1.20	<1.20 28.9	019.0>	C1.70	1. 10	1.88	<0.580 220000	3410		92 800 0 25 6 00 0	7040	65. 20	06.47	<18.5 <20.1	<0.243	7.34	
36110 0	07/01/86 <0.070	C9. 060	090-0>	<0.052	<9.31	47T>	<15.2	<10.5	7.61	(I.11	<1.75 4.73	4.66	<1.34	<1.21	<1.35	<2°47	<1.10 <1.10	<1.20	<1.20	<0.610	<1.70 <2.46	41. 10	<1.30 <1.30	<0.580 12760	1700 1700 180000		323863 64560	3950	<5.20 <6.00	06*12	32.9	<0.243 21.7	7.60	
36 08 3 D	500	090.0	.112	<0.652 46.673	<9.31 <9.31	6-71>	<15.2	<10.5	(1-1)	</td <td>97.1></td> <td>44.66</td> <td><1.34</td> <td><1.21 <1.28</td> <td>41.35</td> <td>42.47</td> <td>01.0</td> <td><1.20</td> <td><1.50 <1.40</td> <td><0.610</td> <td><1.70</td> <td>41.0 41.0</td> <td>*1*30</td> <td><0.2580 25.2580</td> <td>5540 9050000</td> <td></td> <td>528630 150000</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>7.34 15390</td> <td></td>	97.1>	44.66	<1.34	<1.21 <1.28	41. 35	42.47	01.0	<1.20	<1.50 <1.40	<0.610	<1.70	41.0 41.0	*1 *30	<0.2580 25.2580	5540 9050000		528630 150000						7.34 15390	
36082 A	06/27/36	.				V	<15.2	-	133	619	4.51	j • m	4.05		2.11	2.48	200	<1.20	<1.20 4.15	8.91	-40	• 53			6070 307000		685000 317000	5400						
36076 A	06/25/86	21.50	<1.0b	<1.04	<9.31 49.31	0.47	23.5	<10.5	17.17	45.8	* c	543	490	9.12	<1.35	<2.47	1.21	6.43	<1.20 4760	<0.0	<1.70 72.70	8 85	3.03	380	1730	2	275900 38600	999500 8380	<5.20	25°C>	<18.5 116	<0.243 214	6.98 3300	
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04	02031 0		- [-	S	2	OK	15		<12.9	<0.136	<15.7	<10.5	<1.17	<1.61	<1.11	<1.26	<4.23	×4.66	<1.34		<1.28	<1.35	<2.47													0		245608	3	361000	0	22.50	200		_ <	<0.00 < 0.0 < 0.0 < 0.0 < 0.0 < 0.0 < 0.0 < 0.0 < 0.0 < 0.0 < 0.0 < 0.0 < 0.0 < 0.0 < 0.0 < 0.0 < 0.0 < 0.0 < 0.0 < 0.0 < 0.0 < 0.0 < 0.0 < 0.0 < 0.0 < 0.0 < 0.0 < 0.0 < 0.0 < 0.0 < 0.0 < 0.0 < 0.0 < 0.0 < 0.0 < 0.0 < 0.0 < 0.0 < 0.0 < 0.0 < 0.0 < 0.0 < 0.0 < 0.0 < 0.0 < 0.0 < 0.0 < 0.0 < 0.0 < 0.0 < 0.0 < 0.0 < 0.0 < 0.0 < 0.0 < 0.0 < 0.0 < 0.0 < 0.0 < 0.0 < 0.0 < 0.0 < 0.0 < 0.0 < 0.0 < 0.0 < 0.0 < 0.0 < 0.0 < 0.0 < 0.0 < 0.0 < 0.0 < 0.0 < 0.0 < 0.0 < 0.0 < 0.0 < 0.0 < 0.0 < 0.0 < 0.0 < 0.0 < 0.0 < 0.0 < 0.0 < 0.0 < 0.0 < 0.0 < 0.0 < 0.0 < 0.0 < 0.0 < 0.0 < 0.0 < 0.0 < 0.0 < 0.0 < 0.0 < 0.0 < 0.0 < 0.0 < 0.0 < 0.0 < 0.0 < 0.0 < 0.0 < 0.0 < 0.0 < 0.0 < 0.0 < 0.0 < 0.0 < 0.0 < 0.0 < 0.0 < 0.0 < 0.0 < 0.0 < 0.0 < 0.0 < 0.0 < 0.0 < 0.0 < 0.0 < 0.0 < 0.0 < 0.0 < 0.0 < 0.0 < 0.0 < 0.0 < 0.0 < 0.0 < 0.0 < 0.0 < 0.0 < 0.0 < 0.0 < 0.0 < 0.0 < 0.0 < 0.0 < 0.0 < 0.0 < 0.0 < 0.0 < 0.0 < 0.0 < 0.0 < 0.0 < 0.0 < 0.0 < 0.0 < 0.0 < 0.0 < 0.0 < 0.0 < 0.0 < 0.0 < 0.0 < 0.0 < 0.0 < 0.0 < 0.0 < 0.0 < 0.0 < 0.0 < 0.0 < 0.0 < 0.0 < 0.0 < 0.0 < 0.0 < 0.0 < 0.0 < 0.0 < 0.0 < 0.0 < 0.0 < 0.0 < 0.0 < 0.0 < 0.0 < 0.0 < 0.0 < 0.0 < 0.0 < 0.0 < 0.0 < 0.0 < 0.0 < 0.0 < 0.0 < 0.0 < 0.0 < 0.0 < 0.0 < 0.0 < 0.0 < 0.0 < 0.0 < 0.0 < 0.0 < 0.0 < 0.0 < 0.0 < 0.0 < 0.0 < 0.0 < 0.0 < 0.0 < 0.0 < 0.0 < 0.0 < 0.0 < 0.0 < 0.0 < 0.0 < 0.0 < 0.0 < 0.0 < 0.0 < 0.0 < 0.0 < 0.0 < 0.0 < 0.0 < 0.0 < 0.0 < 0.0 < 0.0 < 0.0 < 0.0 < 0.0 < 0.0 < 0.0 < 0.0 < 0.0 < 0.0 < 0.0 < 0.0 < 0.0 < 0.0 < 0.0 < 0.0 < 0.0 < 0.0 < 0.0 < 0.0 < 0.0 < 0.0 < 0.0 < 0.0 < 0.0 < 0.0 < 0.0 < 0.0 < 0.0 < 0.0 < 0.0 < 0.0 < 0.0 < 0.0 < 0.0 < 0.0 < 0.0 < 0.0 < 0.0 < 0.0 < 0.0 < 0.0 < 0.0 < 0.0 < 0.0 < 0.0 < 0.0 < 0.0 < 0.0 < 0.0 < 0.0 < 0.0 < 0.0 < 0.0 < 0.0 < 0.0 < 0.0 < 0.0 < 0.0 < 0.0 < 0.0 < 0.0 < 0.0 < 0.0 < 0.0 < 0.0 < 0.0 < 0.0 < 0.0 < 0.0 < 0.0 < 0.0 < 0.0 < 0.0 < 0.0 < 0.0 < 0.0 < 0.0 < 0.0 < 0.0 < 0.0 < 0.0 < 0.0 < 0.0 < 0.0 < 0.0 < 0.0 < 0.0 < 0.0 < 0.0 < 0.0 < 0.0 < 0.0 < 0.0 < 0.0 < 0.0 < 0.0 < 0.0 < 0.0 < 0.0 < 0.0 < 0.0 < 0.0 < 0.0 < 0.0 < 0.0 < 0.0 < 0.0 < 0.0 < 0.0 < 0.0	, ~	1750
		6 09/10/86																																				2626666	7000	618000	16600	65.2 €	8-22	<18.5	53.2	5.76	6.45	1080
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42 A	05 /86 070 070	960	060	070	31	130	7*0	11	4 4	5.6	57	34	17,	35	47	S.	20	02	2 4 5	70	3.5	200	36	0000	000		300	30800	46.00	<6.00 <7.90	<18.5 28.3	262	7.67	1100
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23108 A	202	<0.530	<0.600	<0°100	<9.31 <12.9	<0.130	<15.2 <10.5	4.77	<1.01 <1.11	41.26	64.23	<1.34	<1.21	27.17	<2.47	<5.00 .1.10	<1.10 <1.20	<1.20	04.17	<1.70 <1.70	<2.40	<1.10 <1.00 <1.00	<1.30	798000	25.80		148000	511000	65.20 <5.20	<6.00 <7.90	<18.5	<0.243 8.54	11.1	6113
23095 A	09/03/86	<0.530	<0.600	<0.700	674	<0.130	<15.2 1060	<1.77	91.08	41.26	<4.23 54.2	22.0	6.40	4.85	<2.47	<5.00 <1.10	<1.10 <1.20	<1.20	1420	<1.70	<2.40	<1.00	31.5	0000949	9500	•	729000	2860000	4420C	<6.00 23.8	<18.5	262	7.30	DODCIT
× O	05/03/86 <0.070 <0.070	<0.060	. 396	<6.070	<5.31 <17.9	<0.130	<15.2 610.5	41.77	(1, 61	41.26	<4.23	<1.34 <1.34	<1.21	<1.78 <1.35	<2.47	65. 00	<1.10 <1.70	<1.20	<1.40 <2.610	<1.70	<2.40	00 10	<1,30	810000 810000	2480		126000 35300	4 09 000	<5. 20	06.65 <7.90	<13.5 28.5	<0.243	7 40	3667
Z2059 A	9/03/ 0/03/ 0/03/	<0.050 <0.053	127	00.00	<9.31 <17.9	149	<15.2	<1.77	<1.61 (1.11)	<1.26	<4.23 .</td <td><1.34 <1.34</td> <td><1.21 \$1.21</td> <td><1.28</td> <td><2.47</td> <td>\$\$°60</td> <td><1.79</td> <td><1.20</td> <td>14.1</td> <td><1.70 <1.70</td> <td><2.40</td> <td><1.10 <1.00</td> <td><1.30</td> <td>0000049 940000</td> <td>1966 294060</td> <td>•</td> <td>133000 36300</td> <td>278000</td> <td>4000 <5.26</td> <td><6.03 <7.90</td> <td><18.5 36.8</td> <td>435</td> <td>7.40</td> <td>2027</td>	<1.34 <1.34	<1.21 \$1.21	<1.28	<2.47	\$\$°60	<1.79	<1.20	14.1	<1.70 <1.70	<2.40	<1.10 <1.00	<1.30	0000049 940000	1966 294060	•	133000 36300	278000	4000 <5.26	<6.03 <7.90	<18.5 36.8	435	7.40	2027
22024 0		55	73	<0.00	<9.31 <12.9	<0.130	<15.7 <10.5	11.17	C1.61	<1.26	4.23	<1.34 <1.34	<1.21	61.28 61.35	<2.47	<5.00 11.10	<1.10 <1.20	<1.20 <1.20	04.17	<1.10 <1.70	<2.40	<1.10 <1.00	<1.30	13400	<1220 83200		35560 <500	83100	<1.500 <5.20	00*9>	<18.5 33.1	<0.243	12.5	2777
1 _	09/17/86 <0.070 <0.070	<0.050 <0.050 <0.053	<0.060	260	<9.31	<6.130	<15.2 <16.5	<1.17	19.0	92.1>	<4.23 4.65	<1.34 <1.34	<1.21	<1.75 <1.35	<2.47	45 •00	<1.70 <1.20 <1.20	<1.20	16.3	<1.70 <1.70	<2.40	<1.10 <1.00	<1.30	52.580 378000	1320		141000	190000	4110 <5.20	<6.00 <7.90	<18.5	•270	7.25	1790
0 9		<0.072	<0.054	<3.966	<9.31	<0.130	<15.2 <19.5	<1.70	<1.40 <1.60	<3.2¢	<3.20 <2.20	<1. 34	<1.21	<1.23 <1.35	<2.47	<5. 00	1.70 1.70	<1.20	<1.40 	<1.70 <1.70	42.40	<1.10 <1.00	<1.30	212000	<1220 1280006	1					• •	• •	8.78	<u>ب</u> وز
10	06/27/86 <0.147	<0.072 <0.072	450.00	< 0 < 0 < 0 < 0 < 0 < 0 < 0 < 0 < 0 < 0 < 0 < 0 < 0 < 0 < 0 < 0 < 0 < 0 < 0 < 0 < 0 < 0 < 0 < 0 < 0 < 0 < 0 < 0 < 0 < 0 < 0 < 0 < 0 < 0 < 0 < 0 < 0 < 0 < 0 < 0 < 0 < 0 < 0 < 0 < 0 < 0 < 0 < 0 < 0 < 0 < 0 < 0 < 0 < 0 < 0 < 0 < 0 < 0 < 0 < 0 < 0 < 0 < 0 < 0 < 0 < 0 < 0 < 0 < 0 < 0 < 0 < 0 < 0 < 0 < 0 < 0 < 0 < 0 < 0 < 0 < 0 < 0 < 0 < 0 < 0 < 0 < 0 < 0 < 0 < 0 < 0 < 0 < 0 < 0 < 0 < 0 < 0 < 0 < 0 < 0 < 0 < 0 < 0 < 0 < 0 < 0 < 0 < 0 < 0 < 0 < 0 < 0 < 0 < 0 < 0 < 0 < 0 < 0 < 0 < 0 < 0 < 0 < 0 < 0 < 0 < 0 < 0 < 0 < 0 < 0 < 0 < 0 < 0 < 0 < 0 < 0 < 0 < 0 < 0 < 0 < 0 < 0 < 0 < 0 < 0 < 0 < 0 < 0 < 0 < 0 < 0 < 0 < 0 < 0 < 0 < 0 < 0 < 0 < 0 < 0 < 0 < 0 < 0 < 0 < 0 < 0 < 0 < 0 < 0 < 0 < 0 < 0 < 0 < 0 < 0 < 0 < 0 < 0 < 0 < 0 < 0 < 0 < 0 < 0 < 0 < 0	69,31	<0.130	215.2 215.5 216.5	<1.7c	# 54. To t	<3.26 <3.26	\$3.45¢	×2.54 ×1.34	4.21	37.0	<2.47	S. C.		<1.20	04.TV	7. ct.	45.40	21.15 CI.033	<1.36 1.36	40.≠23¢ 337ې	1220						• •		7.53	
12364 6	08/21/85 09/21/85 09/147	CG. 67	\$0.00 \$0.00	<0.0 <0.0 <0.0 <0.0 <0.0	< 6.3	353	30		# V	63.5	53.	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	7.7	7.7	i Ci	∴ 6 2	7.	41.2	# T	4.0 - 0.7	<2.4	7.7	₹1,33 1,33	₹.0.0 %260	412 9:16		• •	•	• •		• •	• •	3.65	_
TER	,		3					3	:1 22 ti	1		kı i	LLI S	71 (1	بنا إ									u.	in Cali	,			277	CHRONIUM	LEAD	MERCURY	Hd.	SP. LUME.

24136 0 \	1 200 000	100/12/60	<0.070	<0.00°0>	<0.053 \	090.0>	<0.052 \ 0.052	0/0.00	(12 0 C)	102107	100100	710.5	7 77	19-17		<1.26	~	9	2.43	<1.21	<1.28 \	<1.35	<2.47	<5.00	01.17	07.17	V 1070	1 019.07	10000	<2.40	<1.10 \	<1.00	<1.30 \ 70 5 90 \	51900	<1220 \	720000 \	169000	16500	23 9000	3020	07.63	<7.90	<18.5	<0-1 > 0-1 < 0 < 0 < 0 < 0 < 0 < 0 < 0 < 0 < 0 <	<3.88	0291	•
24135 A	01 701	0074700	×0.070	<0.00	<0.053	. 491	• 306	20.070	49.31 71.2 0	717.07	+000 115 2	197	77	17.17	<10°17	3.22	15.9	44.66	<1.34	<1.21	<1.28	<1.35	<2.47	<2°00	<1.10 71.10	07.17	37*1>	20.00	10.01 10.01	25.40 25.40	<1.10	<1.00	8.20	167036	2000	000149	157060	59.200	171000	3100	07.67	96.7	<18.5	<0.57	<3.88	1670	2
23192 0		00/00/00	<0.0.0>	<0.060	<0.053	<0.00	<0.05 2	40.070	59.51	×12.07	V8+130	710.0	CL	19.17	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	<1.26	<4.23	<4.66	<1.34	<1.21	<1.28	<1.35	<2.47	<5°C0	<1.10	07.17	07*1>	017 07	10.07	<2.4U	<1.10	<1.00	<1.30 40 F80	34900B	1360	1320000	102000	8290	1570000	0605	96.6	18.9	<18.5	<0.00	<3.88 5.88	7850	2
23191 A		00/10/00/	<0.350	<0.300	<0.265	<0.300	<0.260	<0.350 40.330	< 3.5 C	\15.0 \0.120	700130	7.617	51.77	7.17	•	9	23		34	21	28	35	<u></u>	0	25	200) C	2 F			2	00	200	0000		000	_	~	0					~	<3.88		
23190 D		09/16/09	0.000	<0.000	<0.053	090.0>	<0.052	0/0-07	<9.51 <13.0	(421)	10.13U	7707	C. 17	17.17	(1,11	<1.76	<4.23	<4.66	<1,34	<1.21	<1.28	<i.35< td=""><td><2.47</td><td><5.00 <5.00</td><td><1.10</td><td>67.15</td><td>03°17</td><td>V. 610</td><td>070-070</td><td>65-4U</td><td><1.10</td><td><1.00</td><td><1.30 30 30 30 30 30 30 30 30 30 30 30 30 3</td><td>101000</td><td>1320</td><td>862000</td><td>00770</td><td>3170</td><td>321000</td><td>2210</td><td>07.5</td><td><1.90 <1.90</td><td><18.5</td><td>1*07></td><td>6.21</td><td>1680</td><td>9</td></i.35<>	<2.47	<5.00 <5.00	<1.10	67.15	03°17	V. 610	070-070	65-4U	<1.10	<1.00	<1.30 30 30 30 30 30 30 30 30 30 30 30 30 3	101000	1320	862000	00770	3170	321000	2210	07.5	<1.90 <1.90	<18.5	1*07>	6.21	1680	9
NUMBER		08/11/60	2000	090 -0>	.086	1.03	<0,052	• 1.4 5 5 7 5 6	77. p	< 17. 3 20	10 TO	7°CT>	1020	100 9	7 7 7 7	4.97	<4.23	172	<1.34	<1.21	<1.28	<1.35	<5° 47	< 2° 00	<1.10 10	07.17	97.1	D 0 0	71 70	<7.40	7.10	<1.00	<1.30 30 30	716 6000	351.0	793000	4.00000	710,000	714000	3250	27.50	×7.96	<18.5	45.0	17.5	1.20	7
23187 D	-	00/6	2 5	0.0	53	20	<0.052	€.	-4 6		200		~ r	~ ~	4	26	200	99	34	12	23	35	47	50	9	000	200	25	200	2 5	10	00	000	200	<1220	000									20° 50°		
23186 D		09/03/80	0/0-0/	090-0>	<0.053	<0.300	<0.052	0,000	< A > 0 < 4 > 0 < 4 > 0 < 4 > 0 < 4 > 0 < 4 > 0 < 4 > 0 < 4 > 0 < 4 > 0 < 4 > 0 < 4 > 0 < 4 > 0 < 4 > 0 < 4 > 0 < 4 > 0 < 4 > 0 < 4 > 0 < 4 > 0 < 4 > 0 < 4 > 0 < 4 > 0 < 4 > 0 < 4 > 0 < 4 > 0 < 4 > 0 < 4 > 0 < 4 > 0 < 4 > 0 < 4 > 0 < 4 > 0 < 4 > 0 < 4 > 0 < 4 > 0 < 4 > 0 < 4 > 0 < 4 > 0 < 4 > 0 < 4 > 0 < 4 > 0 < 4 > 0 < 4 > 0 < 4 > 0 < 4 > 0 < 4 > 0 < 4 > 0 < 4 > 0 < 4 > 0 < 4 > 0 < 4 > 0 < 4 > 0 < 4 > 0 < 4 > 0 < 4 > 0 < 4 > 0 < 4 > 0 < 4 > 0 < 4 > 0 < 4 > 0 < 4 > 0 < 4 > 0 < 4 > 0 < 4 > 0 < 4 > 0 < 4 > 0 < 4 > 0 < 4 > 0 < 4 > 0 < 4 > 0 < 4 > 0 < 4 > 0 < 4 > 0 < 4 > 0 < 4 > 0 < 4 > 0 < 4 > 0 < 4 > 0 < 4 > 0 < 4 > 0 < 4 > 0 < 4 > 0 < 4 > 0 < 4 > 0 < 4 > 0 < 4 > 0 < 4 > 0 < 4 > 0 < 4 > 0 < 4 > 0 < 4 > 0 < 4 > 0 < 4 > 0 < 4 > 0 < 4 > 0 < 4 > 0 < 4 > 0 < 4 > 0 < 4 > 0 < 4 > 0 < 4 > 0 < 4 > 0 < 4 > 0 < 4 > 0 < 4 > 0 < 4 > 0 < 4 > 0 < 4 > 0 < 4 > 0 < 4 > 0 < 4 > 0 < 4 > 0 < 4 > 0 < 4 > 0 < 4 > 0 < 4 > 0 < 4 > 0 < 4 > 0 < 4 > 0 < 4 > 0 < 4 > 0 < 4 > 0 < 4 > 0 < 4 > 0 < 4 > 0 < 4 > 0 < 4 > 0 < 4 > 0 < 4 > 0 < 4 > 0 < 4 > 0 < 4 > 0 < 4 > 0 < 4 > 0 < 4 > 0 < 4 > 0 < 4 > 0 < 4 > 0 < 4 > 0 < 4 > 0 < 4 > 0 < 4 > 0 < 4 > 0 < 4 > 0 < 4 > 0 < 4 > 0 < 4 > 0 < 4 > 0 < 4 > 0 < 4 > 0 < 4 > 0 < 4 > 0 < 4 > 0 < 4 > 0 < 4 > 0 < 4 > 0 < 4 > 0 < 4 > 0 < 4 > 0 < 4 > 0 < 4 > 0 < 4 > 0 < 4 > 0 < 4 > 0 < 4 > 0 < 4 > 0 < 4 > 0 < 4 > 0 < 4 > 0 < 4 > 0 < 4 > 0 < 4 > 0 < 4 > 0 < 4 > 0 < 4 > 0 < 4 > 0 < 4 > 0 < 4 > 0 < 4 > 0 < 4 > 0 < 4 > 0 < 4 > 0 < 4 > 0 < 4 > 0 < 4 > 0 < 4 > 0 < 4 > 0 < 4 > 0 < 4 > 0 < 4 > 0 < 4 > 0 < 4 > 0 < 4 > 0 < 4 > 0 < 4 > 0 < 4 > 0 < 4 > 0 < 4 > 0 < 4 > 0 < 4 > 0 < 4 > 0 < 4 > 0 < 4 > 0 < 4 > 0 < 4 > 0 < 4 > 0 < 4 > 0 < 4 > 0 < 4 > 0 < 4 > 0 < 4 > 0 < 4 > 0 < 4 > 0 < 4 > 0 < 4 > 0 < 4 > 0 < 4 > 0 < 4 > 0 < 4 > 0 < 4 > 0 < 4 > 0 < 4 > 0 < 4 > 0 < 4 > 0 < 4 > 0 < 4 > 0 < 4 > 0 < 4 > 0 < 4 > 0 < 4 > 0 < 4 > 0 < 4 > 0 < 4 > 0 < 4 > 0 < 4 > 0 < 4 > 0 < 4 > 0 < 4 > 0 < 4 > 0 < 4 > 0 < 4 > 0 < 4 > 0 < 4 > 0 < 4 > 0 < 4 > 0 < 4 > 0 < 4 > 0 < 4 > 0 < 4 > 0 < 4 > 0 < 4 > 0 < 4 > 0 < 4 > 0 < 4 > 0 < 4 > 0 < 4 > 0 < 4 > 0 < 4 >	412.97	×0•130	7.017	710.7	17 17	(1,1)	<1-76	<4.73	4.66	~	A !	0.1	<1.35	<2.47	20,€€	<1.10 	<1.20 2.10	07.1	0111)	0/***	<1.10	<1.00	<1.30	282000 282000	1560	84		22,400,4	579000	5700	62 * 59	06.7>	<18.5	<207>	6.23	7.12	2750
23185 A		09/03/86	070-07	<0.00	<0.053	090*0>	<0.052	C0.070	C4.31	<15.37.0 25.37.0	207.07 207.07	7.617	26.64		1,73	<1.76	< 4° 23	44.66	<1.34	<1,21	<1.28	<1,35	<2.47	<5.30	<i-13< td=""><td>~10</td><td>10</td><td>\ I \ .</td><td>0</td><td></td><td><1.10</td><td><1.00</td><td><1.30</td><td>1546600</td><td>3500</td><td>1920000</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>5.30</td><td></td><td></td></i-13<>	~10	10	\ I \ .	0		<1.10	<1.00	<1.30	1546600	3500	1920000									5.30		
		35		0.9	53	09	25	₹.	C	7 6	o, c	7,4	Ü.	~ _		1 40	**	9	4		90	5	_	0	0			2.					2:		2_	863300	-	3400	387000	970	<5.20	2.0	<18.5	, 20,		0 93 2 2 3	0107
187		09/04/86		9	5	3	2	_:	~	<u>ہ ز</u>		-			2	46	15	1 ~ 1	~~	· C:	0.1	~	-	2.3		~ ∶ ₁	-1 h	<u>ئ</u>	() [*		(C)	4 L C		2940000	1:	100000 03000	1060000		<5.20	30.6%	<16.5	23.5	5 5 6 C	5. 6. 6. 6. 6. 6. 6. 6. 6. 6. 6. 6. 6. 6.	4704
73179 5		ب پ	2007	7	<1.	<1.2	1 <1.04	4.1	679	₹.	72.7	V	20 7	7,	41	100		1	~	460	<1.2	$\overline{\vee}$	45.4	123	J	Ť.	Ţ,	70.7	;	1	L., L	4	67		7926	13	• (2007	204	17765	\$2	95	1 (16.5	45	103	-	
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26076 A	09/26/86 <0.070	<0.0000	•230 <0•052	<0.070 <9.31	<12.9 <0.130	<15.2	<1.17	(1.11	<1.26 Ch. 23	44.66	(1.21 (1.21	<1.28	<2.47	<5.00	<1.20 <1.20	<1-20 <1-40	<0.610	<1.70 <2.40	<1-10 <1-10	C1.30	<0.580	1940	124000	274600	<5.20 <6.00	2,30	<20-1 <0-7-43	7.60	2150
26073 A	09/23/86	<0.060	•189 <0.052	<0.070 <9.31	<12.9 <0.136	<15.2	1.17	(1.01 (1.11)	<1.26 24.23	99* 55	<1.54 <1.21	<1.28 1.28	<2.47 <2.47	<5.00 11.10	<1.20 <1.20	<1.20 15.9	\$21.	<1.70 5.78	01.1V	<1.60 <1.30	179006	1620 681000	213000	116000	<5.20 CA-00	×7.90	70.3	7.65	1780
	09/19/86	<0.060	<0.060	<0.070 <9.31	<12.9	<15.2 87.0	41.77	164	<1.26	99.45	1.0/ <1.21	<1.28	<2.47 <2.47	<5.00 <1.10	<1.26	<1.20 7.60	429	<1.70	6.33	4.33	3310000	3350 717000	902000	482000	65. 20	×7.90 ×7.90	101	7.11	2000
T A	09/23/86				<12.9	22	2 • 1	54.5	48.8	462	729	2.22	2.59	<100 222.0	<24.0	<24.0 <28.0	19.9	<34°0 <4%-0	3.63	<26.0 <26.0	<11.6	202000	284000	570	<5.20 7.92	27.40	5.4.1	1180	75000
26020 A	09/23/86		.201 <0.052	- 1	<12.9		4.17	<1.61 2.93	41.26	4.66	<1.54	<1.28	<2.47	\$5.00 \$1.00	<1.20	<1.20 <1.40	219.0>	<1.70	C1.10	<1.00 <1.30	0.580		• • •	• • •		• •	• • •	7.60	2150
	09/22/86	<0.060 <0.053	•103 <0.052	<0.070 <0.31	<12.9	<15.2	41.77	<1.61 5.27	<1.26	13.9	<1.54	<1.28	<1.55 <2.47	<5.00 <1.10	<1.20	<1.50	<0.610	<1,70	</td <td><1.50 <1.30</td> <td>541000</td> <td>330000</td> <td>103000</td> <td>463000</td> <td><5.20 <6.20</td> <td>00.47</td> <td>20.1 31.3</td> <td>7.40</td> <td>2200</td>	<1.50 <1.30	541000	330000	103000	463000	<5.20 <6.20	00.47	20.1 31.3	7.40	2200
	69722786 <0.070	<0.060 <0.053	•112 <0•052	<6.070 <9.31	<12.9	<15.2 588	C1.77	2.46	<1.26	139	<1.54 <1.21	<1.28	<1.55 <2.47	45 <u>.</u> 60	<1.20	<1.20 <1.40	<0.610	<1.70 <7.40	\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	1. 36	<0.580 1210000	3220 520000 520000	215000	631000	<5.20 <5.20	2.90	78.9	13.3 7.66	3850
26011 A	09/19/86 <0.076	6 - 66 6 6 - 65 3	.164 <0.052	<0.070 <9.31	<12.9	<15.2 10.5	41-77	1.99	<1.26 24	5.94	<1.54 <1.21	41.28	<2.47 <2.47	55. 60	<1.20 <1.20	1. 20	<0.61¢	<1.70	<1-10 <1-10	<1.50 <1.30	1540000	2830 2830 578600	257000	574660	45. 20	06.67	111	5.25	37 80
2562.3 0	09/33/86 <0.070 036	<0.060 <0.053 <0.053	090*0>	<0.076	<12.9	<15.2 5.2 5.2 5.2 5.2 5.2 5.2 5.2 5.2 5.2	4.17	1. 61	<1.26	4.06	<1.54	<1.28 1.28	<2.47	<5.00 21.10	<1.20	61. 20	<0.610	<1.70	<1.10 <1.10	41.30	17000	1340 151000	39500	71800	45,23		<20°1	7.40 7.40	482
1 -4	09708786	10		~ -	<12.9 <0.138	20110	2.7	(I.61 (1.11	<1.26	4.56	4.34	<1.28	(2.47 (2.47	<5.00 <1.10	1. 29	<1.20 <1.40	<0.610	<1.70 <2.66	1.10 (1.10	<1.30 <1.30	<0.580 22600	2320 2320 419060	M M	240	25.5	0	200	4.00	60
\$	69/65/66	<0.053 <0.053 <0.053	<u 060<="" li="" •=""><u 052<="" li="" •=""><u 052<="" li="" •=""></u></u></u>	*132 <9*31	<12.9	7.517	CL-77	15. 15. 15.	<1.26	09.47	4.5	\$Z.	62.47	<5.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00	<1.20	07.20	<0.619 <0.619	<1.70 22.63	, C.	30°€	<0.580		346000	406000 406000	\$2.5¢	206.	53.4	1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	2586
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27016 A \	09/26/86/		500	250		30	7	-	7	C1.26	9	*	«c	25		20	0.0	0.0	019	20	00	22	280	2 2			2		06.42	34.2	111.8	2590
27005 A		90	90	050	3	<0.130	<15.2	<10.17	4.61	<1-57 <1-26	67.45	<1.34	<1.21 <1.28 <1.28	<1.35	<2.47 65.00	<1.10 <1.10	<1.20	2.7. 2.1. 2.1.	019.0>	<1.70 <2.40	41.10 10.10	1. 30	<0.58C	200		14200	76 400 32 80	<5.20 66.00	<7.90 <7.90	45 °C	43.88 43.88	000
=	09/29/86	090-0>	090.0>	<0.052	<9.31	<0.130	415.2	410.5	19. [7]	<1.26	99**>	<1.34	<1.21 <1.78	<1.35	42.47	2.10	<1.20	07.1>	<0.610	<1.70	<1.10 2.10	<1.30 <1.30	<0.580 217000	<1226 <1226 848000		6160	191000 1660	62.20	24°50	24.5	<3.88 <3.88	1700
26142 0	09/24/86 <0.070									<1.26 <1.26																_ (<5.20 <6.00	2 - 1		<3.88 <3.88	775
26140 D	09/29/86	090.0	1.80	309	69,31			2	9-	41.26	VIS	3	<1.21 C1.78	1 ~~	Jr C	d	011	<1.20 19.7	<0.610	<1. /u	CI-10	30.70	<0.580 782000	200		300	143660 3070	\$5.20 \$6.00	06.7	47.7	<3.88 <3.88	2100
~ ~	69/19/86	090-02	2.24	<1.04 <1.40	736	25.0	c152	<1.17	11.4	360	823	295	195 8.41	8.52	55.0	2.5	09 *9>	48600	<61.G	<240 <240	<5.50	\$\$.50 \$6.50	<2.90 3790060	000		000	\circ	NO	200	CALL	3.4.5 1.4.5 1.8.5 1.3.5	0058
Z6128 0	09/29/86	*0.069 *0.069	6.73	.260 >1.08	< 6.31 (4.31	<0°170 <0°130	<15.2	1010	4.21	<1.26	64.66 64.66	<1.34	<1.21 <1.28	<1.35	<2°-47	1.1 0	<1.20	<1.40 <1.40	<0.610	67°7'>	<1.10 20 20 20 20 20 20 20 20 20 20 20 20 20	<1.30 <1.30	3.17	1340 421060	•	71600	155600 4470	45. 20	1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	98.2	6-81	2400
121	09 /29/86	050.0>	2,42	366	<0.31 <12.31	<0.12.	<15.2	10 y0 <1.77	24.42	41.26	99.45	<1.34	<1.21	<1,35	<2.47 <5.00	<1.10 <1.10	07*1>	97.0	<0.610	<1.70 <2.40	01.	7. 5.30 7.30	<0.580 a70000	1330		റന					5.75	~ 10
26005 0		×6.060 ×6.060	<0.050 <0.060	<0.052 <0.070	<9.31	<0.12.9 <0.130	<15.2	41.77	<1.61 1.6.5	<1.26	99.42	5.49	41-21	<1.35	42°47	<1.10 <1.10	<1.20 2.20 2.30	<1.50 <1.40	<0.610	<1.74 <2.40	<1.10	<1.30 <1.30	1.98	1480 339000		532000	2970	<5.20 <6.00	06.7	<20°1	8.57 8.57	2200
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09/02/86/ <0.147 <0.088 <0.086 <0.054 <0.054 <0.054 <0.054 <0.054 <0.054 <0.054 <0.054 <0.054 <0.054 <0.054 <0.054 <0.054 <0.054 <0.054 <0.054 <0.054 <0.054 <0.054 <0.054 <0.054 <0.054 <0.054 <0.054 <0.054 <0.054 <0.054 <0.054 <0.054 <0.054 <0.056 <0.056 <0.056 <0.056 <0.056 <0.056 <0.056 <0.056 <0.056 <0.056 <0.056 <0.056 <0.056 <0.056 <0.056 <0.056 <0.056 <0.056 <0.056 <0.056 <0.056 <0.056 <0.056 <0.056 <0.056 <0.056 <0.056 <0.056 <0.056 <0.056 <0.056 <0.056 <0.056 <0.056 <0.056 <0.056 <0.056 <0.056 <0.056 <0.056 <0.056 <0.056 <0.056 <0.056 <0.056 <0.056 <0.056 <0.056 <0.056 <0.056 <0.056 <0.056 <0.056 <0.056 <0.056 <0.056 <0.056 <0.056 <0.056 <0.056 <0.056 <0.056 <0.056 <0.056 <0.056 <0.056 <0.056 <0.056 <0.056 <0.056 <0.056 <0.056 <0.056 <0.056 <0.056 <0.056 <0.056 <0.056 <0.056 <0.056 <0.056 <0.056 <0.056 <0.056 <0.056 <0.056 <0.056 <0.056 <0.056 <0.056 <0.056 <0.056 <0.056 <0.056 <0.056 <0.056 <0.056 <0.056 <0.056 <0.056 <0.056 <0.056 <0.056 <0.056 <0.056 <0.056 <0.056 <0.056 <0.056 <0.056 <0.056 <0.056 <0.056 <0.056 <0.056 <0.056 <0.056 <0.056 <0.056 <0.056 <0.056 <0.056 <0.056 <0.056 <0.056 <0.056 <0.056 <0.056 <0.056 <0.056 <0.056 <0.056 <0.056 <0.056 <0.056 <0.056 <0.056 <0.056 <0.056 <0.056 <0.056 <0.056 <0.056 <0.056 <0.056 <0.056 <0.056 <0.056 <0.056 <0.056 <0.056 <0.056 <0.056 <0.056 <0.056 <0.056 <0.056 <0.056 <0.056 <0.056 <0.056 <0.056 <0.056 <0.056 <0.056 <0.056 <0.056 <0.056 <0.056 <0.056 <0.056 <0.056 <0.056 <0.056 <0.056 <0.056 <0.056 <0.056 <0.056 <0.056 <0.056 <0.056 <0.056 <0.056 <0.056 <0.056 <0.056 <0.056 <0.056 <0.056 <0.056 <0.056 <0.056 <

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~	09/03/86	<0.053	<0.060	<0.070		<0.130 <15.2			•	•		3.68	<1.28	<1.35	4.7×	<1.10	<1.20 <1.20	<1.40	019.0>	<2.40	6.24	41. 30	<0.580	53000 <1220	107000	137000	00909	3580	00.95	<7.90 C18-5	<20.1		00009
~	09/03/86	0.0	0.2	0		<0.130 <15.2	0	• •	•	•		<1.34 21.34	<1.24	<i.35< td=""><td>74.7</td><td><1.10</td><td><1.20</td><td><1.40 <1.40</td><td><0.610</td><td>3.74 <2.40</td><td>6.65</td><td>1.00</td><td><0.580</td><td>59100 <1220</td><td>142000</td><td>161000</td><td>14100</td><td>3640</td><td>00.9></td><td><7.90 <18.5</td><td><20.1</td><td>6.0</td><td>700</td></i.35<>	74.7	<1.10	<1. 20	<1.40 <1.40	<0.610	3.74 <2.40	6.65	1. 00	<0.580	59100 <1220	142000	161000	14100	3640	00.9>	<7.90 <18.5	<20.1	6.0	700
1 <<	69/03/86					<0.130 <15.2	<10.5		•	•													_	74300	_	209000	79900	4580	00.9>	<7.90 <18.5	24.9	<3.88	725
16 0	09/02/86	386	500	0	,	<0.130 <15.2	0	• •	•	•		<1.34 2.34	<1.24	<1.35	7 t * 7 > 00 < 2 > 00 < 2 > 00 < 2 > 00 < 2 > 00 < 2 > 00 < 2 > 00 < 2 > 00 < 2 > 00 < 2 > 00 < 2 > 00 < 2 > 00 < 2 > 00 < 2 > 00 < 2 > 00 < 2 > 00 < 2 > 00 < 2 > 00 < 2 > 00 < 2 > 00 < 2 > 00 < 2 > 00 < 2 > 00 < 2 > 00 < 2 > 00 < 2 > 00 < 2 > 00 < 2 > 00 < 2 > 00 < 2 > 00 < 2 > 00 < 2 > 00 < 2 > 00 < 2 > 00 < 2 > 00 < 2 > 00 < 2 > 00 < 2 > 00 < 2 > 00 < 2 > 00 < 2 > 00 < 2 > 00 < 2 > 00 < 2 > 00 < 2 > 00 < 2 > 00 < 2 > 00 < 2 > 00 < 2 > 00 < 2 > 00 < 2 > 00 < 2 > 00 < 2 > 00 < 2 > 00 < 2 > 00 < 2 > 00 < 2 > 00 < 2 > 00 < 2 > 00 < 2 > 00 < 2 > 00 < 2 > 00 < 2 > 00 < 2 > 00 < 2 > 00 < 2 > 00 < 2 > 00 < 2 > 00 < 2 > 00 < 2 > 00 < 2 > 00 < 2 > 00 < 2 > 00 < 2 > 00 < 2 > 00 < 2 > 00 < 2 > 00 < 2 > 00 < 2 > 00 < 2 > 00 < 2 > 00 < 2 > 00 < 2 > 00 < 2 > 00 < 2 > 00 < 2 > 00 < 2 > 00 < 2 > 00 < 2 > 00 < 2 > 00 < 2 > 00 < 2 > 00 < 2 > 00 < 2 > 00 < 2 > 00 < 2 > 00 < 2 > 00 < 2 > 00 < 2 > 00 < 2 > 00 < 2 > 00 < 2 > 00 < 2 > 00 < 2 > 00 < 2 > 00 < 2 > 00 < 2 > 00 < 2 > 00 < 2 > 00 < 2 > 00 < 2 > 00 < 2 > 00 < 2 > 00 < 2 > 00 < 2 > 00 < 2 > 00 < 2 > 00 < 2 > 00 < 2 > 00 < 2 > 00 < 2 > 00 < 2 > 00 < 2 > 00 < 2 > 00 < 2 > 00 < 2 > 00 < 2 > 00 < 2 > 00 < 2 > 00 < 2 > 00 < 2 > 00 < 2 > 00 < 2 > 00 < 2 > 00 < 2 > 00 < 2 > 00 < 2 > 00 < 2 > 00 < 2 > 00 < 2 > 00 < 2 > 00 < 2 > 00 < 2 > 00 < 2 > 00 < 2 > 00 < 2 > 00 < 2 > 00 < 2 > 00 < 2 > 00 < 2 > 00 < 2 > 00 < 2 > 00 < 2 > 00 < 2 > 00 < 2 > 00 < 2 > 00 < 2 > 00 < 2 > 00 < 2 > 00 < 2 > 00 < 2 > 00 < 2 > 00 < 2 > 00 < 2 > 00 < 2 > 00 < 2 > 00 < 2 > 00 < 2 > 00 < 2 > 00 < 2 > 00 < 2 > 00 < 2 > 00 < 2 > 00 < 2 > 00 < 2 > 00 < 2 > 00 < 2 > 00 < 2 > 00 < 2 > 00 < 2 > 00 < 2 > 00 < 2 > 00 < 2 > 00 < 2 > 00 < 2 > 00 < 2 > 00 < 2 > 00 < 2 > 00 < 2 > 00 < 2 > 00 < 2 > 00 < 2 > 00 < 2 > 00 < 2 > 00 < 2 > 00 < 2 > 00 < 2 > 00 < 2 > 00 < 2 > 00 < 2 > 00 < 2 > 00 < 2 > 00 < 2 > 00 < 2 > 00 < 2 > 00 < 2 > 00 < 2 > 00 < 2 > 00 < 2 > 00 < 2 > 00 < 2 > 00 < 2 > 00 < 2 > 00 < 2 > 00 < 2 > 00 < 2 > 00 < 2 > 00 < 2 > 00 < 2 > 00 < 2 > 00 < 2 > 00 < 2 > 00 < 2 > 00 < 2 > 00 < 2 > 00 < 2 > 00 < 2 > 00	<1.10	<1.20 (1.20	<1.40 <1.40	<0.610	45° 40	<1. 10	25.5	<0.580	10260	58400	31600	1530 56900	11800	00*9>	<7.90	1.02> 420.1	<3.88	370
33002 A	09/16/86		<0.060 <0.057	<0.070		<0.130 •	•	• •	•	•		3.47	<1.51 <1.28	<1.35	(4.25	<1.10	<1.20 2.57	\$1.40 \$1.40	<0.610	07.17	6.78	₹ 1 *06	<0.580	121000 <1220	330000	195000	20303 97600	4210	00.9>	<7.90 <7.90	58.0	• (7.26 1380
31008 0	14	<0.072 <0.072 <0.071	450-054	<0.066 40.066	<12.9	<0.130 <15.2	<10.5	×1. ×1.40	<1.50	63.20	<2.60	<1.34 2.34 3.4	<1.28 <1.28	<1.35	75.00	1.10	4.20	07.17	<0.610	<1.70 <2.40 <2.40	<1.10	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	<0.580	29600 1500	<10000			•	• •	•	• •		8•61 490
31007 0	08/19/86	• • •		70 71	<12.9	<0.130	<10.5		•			\$1.34 3.4	<1.21 <1.28	<1.35	(4°7)	<1,10	1. 20	<1.40 <1.40	<0.610	^I• 76 ^2• 46	<1.10 <1.10		<0.580		•			•		•	• •	• • •	710
31006 A	a and	500	505	30.5	9	~	<u>۰</u> ۲	- 4	9	70	1.45	~ .	1	w.	ar ⊂	2 - 7	vį٠	7-4	0	- 4	-	دع بر	J rJ	900 220					• •	•	• •	• • •	7.56 1283
	09702786	0.075 0.072 0.072	CG-054	\$50.00 \$0.00 \$1.00	<12.9	<0.130 <15.2	20.0	×1.40	<1.66	07.55	<2.60	<1.34	<1.51 <1.28	<1.35	(3.52)	<1.10 <1.10	41.20	20.17	919-55	<1.75 <2.46	<1.10	୍ଥି : 	\$6.580 <6.580	34960 2426	11803		• •			•		`	370 370
: 0	09703786	66.672 66.672 60.671	50.00	. 40° J66										<1.35	() () () () () () () () () ()	. <1.13	02. L	27.TV	C0.613	(4.7)	<1.10	3. 2.	<0.583 <0.583	74560	361030	• •	• •	•	• •	•	• •	• • •	9.5
PARAMETER V		ISODAIN /	DIELORIN	100		DACP		ين	بنا				2	H-XYLENE		110CE '	IDCLE	LIZUCE CHCI 3	LZDCLE	1110	TRCLE	112TCE	CLC6H5	CHLORI GE		CA	C) eq	· ×	CHRONIUM	102		MERCURY ARSENIC	SP. CORG.

D 34515 A 35012		08/28/86	<0.00	<0.00 0.00 0.00	\$C*0> \$ C0*0>	<6.052 <6.52	<0.076 <0.70	49,31	412.9	<0.150 <0.15	<10.5 1010 <10.5 1010	(10)	34.2	•	•	•	61.34	<1.21	<1.28	<1,35	42.47	<5.00 	VI-10	<1.20	<1.40	<0.616	07.17	<1.10 <1.10	<1.00	<1.30 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00	73100	<1220 2010 16200 6990		140006 668000	73700	4300	07-63	<7.90	<18.5	<20.1
A 34009	į	99																														1320		28800	54500	2610	07-67	<7.90	<18.5	C20.1
A 34008		96												<1.11	<1.26	67.47	44.00	<1-21 <1-21	<1.28	<1.35	<2.47	<5°00	<1.10 <1.20 <1.20	<1.20	<1.40	<0.61	V1-10	<1.10	<1.00			<1220	•	15800	300	560	700	<7.90	18.	7.1
A 34002		36	0.00	0.0>	0 0		0.0	<9.3	<12.9	<0.130	7.017	71-17	<1.61	<1.11	41.26	24.62	97	<1.21	<1.28	<1.35	42.47	<2°00	<1.10 <1.20	<1. 20			<1. /u	<1-10 <1-10	<1.00	<1.30	122000	<1220 49500		76200	79100	2940	07.67	<7.90 47.90	<18.5	126
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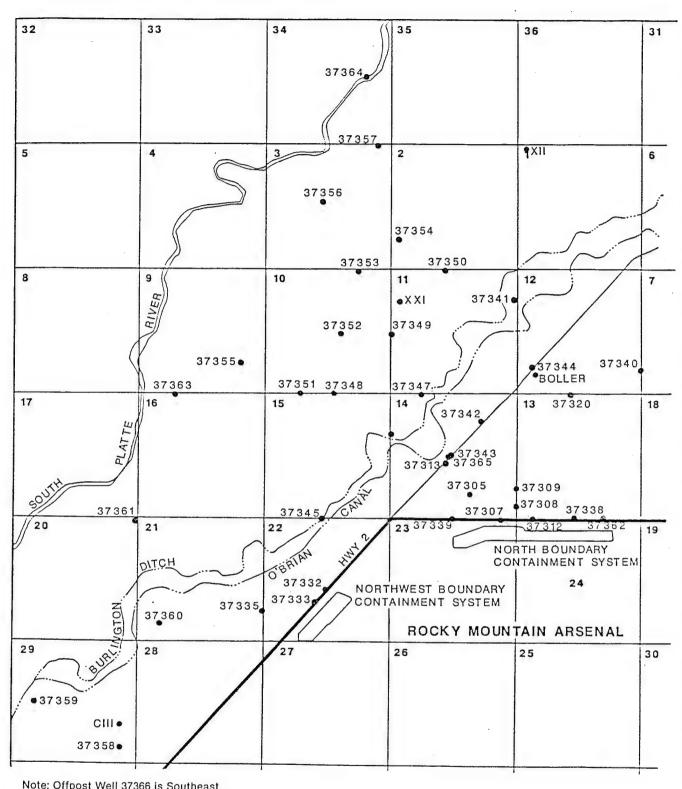
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GROUND MATER	35062 D		0.000	<0.060	<0.053	<0.052	<0°00	<9.31	<12.9 <0.130	<15.2	<10.5	41.17	71.01	<1.26	×4.23	44.00		<1.28	<i.35< td=""><td>14.25</td><td><1.10</td><td><1.20</td><td>07*17</td><td><0.610</td><td><1.70</td><td>01.15</td><td><1.00 <1.00</td><td><1.30</td><td>33300</td><td>1220</td><td>•</td><td>230000</td><td>520106</td><td>3550</td><td>00.9></td><td><7.90 <18.5</td><td>55.2</td><td>4.72</td><td>7.80</td><td></td></i.35<>	14.25	<1.10	<1.20	07*17	<0.610	<1.70	01.15	<1.00 <1.00	<1.30	33300	1220	•	230000	520106	3550	00.9>	<7.90 <18.5	55.2	4.72	7.80	
8/86-10/86 -	35061 A	09/15/86	0/0.0>	<0.060	<0.053	<0.00°00°0	<0.070	<9.31	612.9	<15.7	<10.5	4.77	</td <td><i.26< td=""><td><4.23</td><td>44.00</td><td>1251</td><td><1.28</td><td><1.35</td><td>60.53</td><td><1.10</td><td><1.20</td><td>07.17</td><td><0.610</td><td><1.70</td><td>25.40 41.10</td><td>1.00</td><td><1.30</td><td>230000</td><td>2340 1086000</td><td></td><td>263000</td><td>307090</td><td>4360</td><td>7.32</td><td><7.90</td><td>00</td><td><3.88 <3.88</td><td>8.00 2100</td><td></td></i.26<></td>	<i.26< td=""><td><4.23</td><td>44.00</td><td>1251</td><td><1.28</td><td><1.35</td><td>60.53</td><td><1.10</td><td><1.20</td><td>07.17</td><td><0.610</td><td><1.70</td><td>25.40 41.10</td><td>1.00</td><td><1.30</td><td>230000</td><td>2340 1086000</td><td></td><td>263000</td><td>307090</td><td>4360</td><td>7.32</td><td><7.90</td><td>00</td><td><3.88 <3.88</td><td>8.00 2100</td><td></td></i.26<>	<4.23	44.00	1251	<1.28	<1.35	60.53	<1.10	<1.20	07.17	<0.610	<1.70	25.40 41.10	1.00	<1.30	230000	2340 1086000		263000	307090	4360	7.32	<7.90	00	<3.88 <3.88	8.00 2100	
0 4	35059 0	9/08/8	- [-	9	<0.053 <0.053	<i>ع</i> د	~	<9.31	<1C. 7	<15.2		(1.1)	CI.01	<1.26	<4.23	×4.00										<2° 40		29				71900	195 000	1570	00.9>	<7.93	\$26.1 \$26.1	60°45 64°00	7.48 1300	
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ASK 4 WATER	35039 0	69/11/86	0,070 0,070	<0.00	<0.053 26.053	40.05	<0.070 0.070	<9.31	<17.0 120	<15.2 <15.2	S.0.€	<1.17	7.5	<1.26	<4.23	×4.56	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	<1.28	<1.35	14.2>	<1.10	<1.20	<1.20 	<0.610	<1.70	42. 40	<1.30 <1.30	<1.33 5.33	50700	<1220 285600	•	63200	269000	<1250	00.9>	<7.90	<20-1	4.05	7.75 950	
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	36113 U	129	070-07	9	5	9	\overline{C}	35	<12.9	<0.130	~	<10.5	<1.17	<1.61	<1.11	<1.26	64.23	99.4>	4T•34	77°77	<1.35	<2.47	<5.00	<1.10	<1.20	<1.20	9	0.0×	0/-17	01.17	<1.100 <1.00	<1.30	<0.586	41720 41720	306000	~ 1	06	* ^	. 3	•	9 00		<0.543 <3.88	(2)	176
	36112 A	98/62/60	0/0-02	<0.00	<0.053		250.0>						<1.17	17.1		<1.26										<1.20			01.10	01 19	1.1.	0	<0.580 331555	2 _	893000		445000		<5.20	7.38	<18.5	21.9	22.0	7.20	2560
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	36082 A	09/26/86	<0.700	<0.09	<6.530	009.0>	025.0>	>	<17.9	191	<15.2	584	<1.17	126	968	6.35	<4.23	288	41.34	41.41 41 28	2.4.0	3.43	<55, DO	<1,10 <1,10	<1,20	<1.20	4.28	<0.00	<1.70	04.7>	<1.01 <1.00 <1.00	1.55	<0.580	3610000 5990	3070660	532000	0	1950000	45,20 45,20	ce. 00	<7.5 <18.5 5.5	35.6	<(6.243	7.00	11400
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t t	36675 A	09/26/86	0/0-0>	090.0>	<0.053	<0.00	<0.0 40.052	V0 91	<17.9	<0.130	<15.2	<10.5	<1.17	<1.61	<1.11	<1.26	<4.23	99.4>	~ .		27.17	n1		C1.10	<1.20	<1.20	<1.40	019*0>	<1.70	\$**\ !	<1.10 <1.00	<1,30	<0.580	141000	802000	103000	40800	352000	<5.20 <5.20	00.9>	<7.90	24.6	<0.243 <3.88	7.70	1820
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OFFPOST WELLS - FOURTH QUARTER



Note: Offpost Well 37366 is Southeast of RMA, 37365 Denver Formation Well

Figure B-1 OFFPOST ALLUVIAL AND DENVER WELL MONITORING NETWORK

SOURCE: HLA 1987

Prepared for:

U.S. Army Program Manager's Office For Rocky Mountain Arsenal

Aberdeen Proving Ground, Maryland

																																																		-
37340 A	08/19/86											<15.2	28.2							<1.34	<1.21	61.28	<1.35	<2.47	<5.00 <1.10		<1.20	<1.20	<1.40 /0 /10	70.01	<2.40	CI:10	<1.00	<1.30	<0.580														7.87	0477
37339 A	08/25/86	<0.070	164	<0.060	<0.053	090.0>	<0.052	<0.070	<9.31	<12.9	<0.130	<15.2	423	<1.17	<1.61	<1.11	<1.26	<4.23	<4.66	<1.34	<1.21	<1.28	<1.35	<2.47	<5.00	VI.10	<1.20 	<1.20	<1.40	<0.01 10.01	<2 40 <2 40	<1.10	<1.00	<1.30	<0.580	7000000	2230000	10800	769000	195000	1260000	3490	<5.20	00.00	06./>	66 A	<0.243	<3.88	7.07	RID
37338 A	09/12/86	<0.070	<0.070	090.0>	<0.053	.094	<0.052	<0.070	<9.31	<12.9	<0.130	<15.2	14.7	<1.77	<1.61	<1.11	<1.26	<4.23	<4.66	<1.34	<1.21	<1.28	<1.35	<2.47	<5.00	<1.10	<1.20	<1.20	2.08	VI.610	C1.70	<1.10	¢1.00	<1.30	<0.580	315000	560000	1820	176000	56500	225000	8760	<5.20	(6.00	06./>	7.18.3	<0.243	<3.88	7.20	2030
37335 A	78/22/00	<0.070	<0.070	<0.060	<0.053	<0.060	<0.052	<0.070	<9.31	<12.9	<0.130	<15.2	<10.5	<1.17	<1.61	<1.11	<1.26	<4.23	<4.66	<1.34	<1.21	<1.28	<1.35	<2.47	<5.00	<1.10	<1.20	<1.20	1.76	019.07	22.70	<1.10	00.15	<1.30	<0.580	114000	55800)))	67400	13100	76500	1710	<5.20 ×	<6.00 (F.00	<7.90	K18.3	<0.243	<3.88	7.47	808
37333 A	98/86/80	00/23/00	<0.010	<0.060	<0.053	.135	<0.052	<0.070	<9.31	<12.9	<0.130	<15.2	<10.5	<1.17	<1.61	<1.11	<1.26	<4.23	<4.66	3.47	<1.21	<1.28	<1.35	<2.47	<5.00	<1.10	<1.20	<1.20	13.1	<0.610 <1.75	07.17	<1.10	×1.00	<1.30	<0.580	393000	164000	2570	69500	9300	212000	5200	<5.20	46.00	<7.90	(R.)	(0.243	(3.88	8.81	1620
37332 A	98/16/00	(0.070	184	<0.060	<0.053	<0.300	<0.052	<0.070	<9.31	<12.9	198	<15.2	12.0	<1.77	19:1>	<1.11	<1.26	<4.23	<4.66	<1.34	<1.21	<1.28	<1.35	<2.47	<5.00	<1.10	<1.20	<1.20	13.0	<0.610	V1./0 /2 /0	74.40 <1 10	<1.00	<1.30	<0.580	740000	332000	4260	139000	42800	457000	5140	<5.20	46.00	<7.90	418.5	<0.243	7.67	7.36	3050
37320 A	70/00/00	09/22/00	070.07	<0.05	<0.053	.065	<0.052	<0.070	<9.31	<12.9	<0.130	<15.2	18.8	<1.77	19:1>	<1.11	<1.26	<4.23	4.66	<1.34	<1.21	<1.28	<1.35	<2.47	<5.00	<1.10	<1.20	<1.20	<1.40	<0.610	2.70	04.37	00.1>	<1.30	<0.580	145000	448000	4050	145000	45800	189000	2580	<5.20	(6.00	47.90	د الار	<0.243	(3.88	7.38	1600
37313 A	70/70/00	70 350	05.00	<0.300	<0.265	<0.300	<0.260	<0.350	(9.31	<12.9	<0.130	<15.2	3940	<1.77	4.15	9,45	<1.26	<4.23	<4.66	<1.34	<1.21	<1.28	<1.35	<2.47	<5.00	<1.10	<1.20	<1.20	<1.40	.616	0/.1>	04.7	00.15	<1.30	<0.580	1670000	154000	459	487000	159000	942000	9920	<5.20	<6.00	<7.90	2.8.5	(113 (f) 243	7.02	7.12	10'269
37312 A	70/10/00	08/21/80	020.07	090.0>	<0.053	1.16	.947	<0.070	<9.31	<12.9	<0.130	<15.2	24.4	<1.77	<1.61	1.1>	<1.26	<4.23	4.66	<1.34	<1.21	<1.28	<1.35	<2.47	<5.00	<1.10	<1.20	<1.20	1.69	<0.610	<1.70 22.40	72.40	00.15	<1.30	<0.580	263000	447000	1320	133000	64200	232000	3720	<5.20	<6.00	<7.90	418.5	106	(3.88	7.33	2070
37309 A	70/10/00	707 700	7007.00	007.00	<0.530	<0.600	<0.520	.739	790	<12.9	161	(15.2	972	<1.77	<1.61	7.88	<1.26	8.91	26.8	<1.34	577	2.11	<1.35	<2.47	<5.00	<1.10	<1.20	<1.20	<1.40	6.30	<1.70 3.70	72.40	4.39	52.5	<0.580	826000	3080	1670	158000	73800	572000	3010	<5.20	00.9>	<7.90	<18.5	35.6	4 23	7.58	2850
37308 A	/0/10/00	08/21/80	070.07	0/0:0>	<0.053	<0.300	.268	<0.070	87.8	<12.9	888	<15.2	210	<1.77 <1.77	<1.61	\ 	<1.26	73.4	<4.66	<1.34	<1.21	<1.28	<1.35	<2.47	<5.00	<1.10	<1.20	<1.20	<1.40	2.53	<1.70	72.40	00.15	19.7	<0.580	304000	1950	1710	133000	67200	283000	5490	<5.20	00.9>	<7.90	<18.5	90.0	(3.88	7.42	144(1
37305 A	10,70,00	08/55/80	0/0.0	0,0.0	<0.053	<0.060	<0.052	<0.070	(9.31	<12.9	V0 130	(15.20	1670	<1.77	(1.61	<1.11	<1.26	<4.23	4.66	<1.34	<1.21	<1.28	<1.35	<2.47	<5.00	1 <1.10	1 <1.20	1 <1.20	1 <1.40	019.0>	<1.70	. <2.40 . <1 10	00.10	<1.30	<0.580	000269	1 2190	820000 555	334000	87900	449000	1 2540	<5.20	00.9> 1	<7.90	<18.5	28.6	1 4 40	7.35	1 37RO
PARAMETER !	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	DAIE	2000	ISODBIN	טטני -	DIELDRIN	FNDRIN	DOT	יייי	Z S S S S S S S S S S S S S S S S S S S	Dare de la constante de la con	DWWD	DIMP	DMO	OXATHIANE	DITHIANE	CPMS	CPMSO	CPMS02	BENZENE	TOLUENE	ETHYBENZ	M-XYLENE	O/P-XYLEN	MECL	11DCE	11DCLE	TI2DCE	CHCL 3	12DCLE	111TCE	CCL4	I NOTE	TOLEE	CLC6H5	CHLORIDE	FLUORIDE	NO2NO3	CACACA	ı,	NA	×	CADMIUM	CHROMIUM	COPPER	LEAD	ZINC MEDCIIDA	ADOFA	PH	SP. COND.

37352 A	08/20/86	<0.147	<0.072	<0.071	<0.054	<0.063	40.066	(9.31	<12.9	<0.130	<15.2	<10.5	0/.1>	<1.40 1</td <td>00.17</td> <td>73.20</td> <td><2.60</td> <td><1.34</td> <td><1.21</td> <td><1.28</td> <td><1.35</td> <td><2.47</td> <td><5.00</td> <td><1.10</td> <td><1.20</td> <td><1.20</td> <td><1.40</td> <td><0.610</td> <td>0/:/0</td> <td>72.40</td> <td></td> <td><1.30</td> <td><0.580</td> <td>110000</td> <td>1330</td> <td>103000</td> <td>89300</td> <td>18800</td> <td>92400</td> <td>1770</td> <td><5.20</td> <td>46.00</td> <td>67.90</td> <td>22.0</td> <td><0.243</td> <td><3.88</td> <td>7.34</td>	00.17	73.20	<2.60	<1.34	<1.21	<1.28	<1.35	<2.47	<5.00	<1.10	<1.20	<1.20	<1.40	<0.610	0/:/0	72.40		<1.30	<0.580	110000	1330	103000	89300	18800	92400	1770	<5.20	46.00	67.90	22.0	<0.243	<3.88	7.34
37351 A	98/50/60	0.070	(0,060	<0.053	<0.060	<0.052	<0.070	<9.31	<12.9	<0.130	<15.2		<1.77	19:17	76.17	74.23	<4.66	<1.34	<1.21	<1.28	<1.35	<2.47	<5.00	<1.10	<1.20	<1.20	<1.40	<0.610	07.17	72.40	0.17	<1.30	<0.580	115000	1690	202000	159000	39700	124000	2390	<5.20	×6.00	06./>	د ۱۵۰۵ ۶۶ ع	<0.243	<3.88	7.06
37350 A	98/50/60	020.07	<0.050	<0.053	090.0>	<0.052	<0.070	<9.31	<12.9	<0.130	<15.2	<10.5	<1.77	19:15	71.17	02:17	<4.66	<1.34	<1.21	<1.28	<1.35	<2.47	<5.00	<1.10	<1.20	<1.20	<1.40	<0.610	0/.17	72.40	01.17	<1.30	<0.580	69300	<1220	000001	107000	26300	72800	4640	<5.20	00.9>	<7.90	(18.5	<0.243	<4.00	7.15
37349 A	98/11/60	070.07	090.0>	<0.053	090.0>	<0.052	<0.070	<9.31	<12.9	<0.130	<15.2	41.9	<1.77	19.1>	71:17	71.50	<4.66	<1.34	<1.21	<1.28	<1.35	<2.47	<5.00	<1.10	<1.20	<1.20	<1.40	<0.610	<1.70 <2.70	72.40		<1.30	<0.580	102000	1330	188000	109000	27600	88200	1540	<5.20	<6.00	<7.90	2.812	<0.243	<3.88	7.21
37348 A	98/604/60	0.070	0/0.0>	<0.053	<0.060	<0.052	<0.070	<9.31	<12.9	<0.130	<15.2	<10.5	<1.77	19:1>	11.17	07.17	<4.66	<1 34	<1.21	<1.28	<1.35	<2.47	<5.00	<1.10	<1.20	<1.20	<1.40	<0.610	<1./0	72.40	00.17	<1.30	<0.580	109000	1560	2000	150000	33900	134000	2360	<5.20	<6.00 	<7.90	(18.5	<0.243	<3.88	7.38
37347 A	08/22/86	020.05	<0.050	<0.053	<0.060	<0.052	<0.070	<9.31	<12.9	<0.130	<15.2	<10.5	<1.77	<1.61	71.17	07.17	<4.66	<1 34	<1.21	<1.28	<1.35	<2.47	<5.00	<1.10	<1.20	<1.20	<1.40	019.0>	07.15	<2.40 /1.10	01.17	<1.30	<0.580	71800	1260	121000	68900	13900	68100	3600	<5.20	00.9>	<7.90	62.815	<0.243	5.05	7.63 750
37346 A	09/03/86	070.07	<0.000	<0.053	090.0>	<0.052	<0.070	<9.31	<12.9	<0.130	<15.2	<10.5	<1.77	19.1>	<1.11 /1.34	07.17	<4.66	<1 34	<1.21	<1.28	<1.35	<2.47	<5.00	<1.10	<1.20	<1.20	<1.40	<0.610	<1.70	<2.40 <1.10	01.17	×1.30	<0.580	47300	1450	93100	926	11800	90900	3490	<5.20	00.9>	47.90	2.81.5	<0.243	5.66	7.54
37345 A	09/03/86	<0.070	070.05	<0.053	090.0>	<0.052	<0.070	<9.31	<12.9	<0.130	<15.2	<10.5	<1.77	<1.61	<1.11 <1.26	07.17	<4 .66	<1 34	<1.21	<1.28	<1.35	<2.47	<5.00	<1.10	<1.20	<1.20	<1.40	<0.610	<1.70	<2.4U	0 0 0	30.17	<0.580	65000	1280	1300	126000	16800	00606	3240	<5.20	00.9>	<7.90	720 -	<0.243	<3.88	7.10
37344 A	09/04/86	070.07	0/0.02	<0.053	<0.060	<0.052	<0.070	<9.31	<12.9	12.8	<15.2	1190	<1.77	(1.61		. 0 . /	60.47	<1 34 <1 34	1.47	<1.28	<1.35	<2.47	<5.00	<1.10	<1.20	<1.20	1290	<0.610	<1.70	1.15	7.07	108	<0.580	433000	1280	538000	37.30	41900	228000	4730	<5.20	00.9>	<7.90	(18.5	<0.243	5, 15	7.28
	_																																														7.17
37342 A	08/28/86																4.63											0			01.17			641000		_		76200			<5.20				m	,	7.32
37341 A	09/11/80	<0.070	0/0.07	<0.053	<0.060	<0.052	<0.070	<9.31	<12.9	<0.130	<15.2	18.3	<1.77	(1.61		07.17	4.65	20:12	2 2	<1.28	<1.35	<2.47	<5.00	1 <1.10	1 <1.20	1 <1.20	1 <1.40	019.0>	<1.70	<2.40	0.17	1 30	<0.580	162000	<1220	242000	148000	32600	96400	5110	<5.20	00.9>	1 <7.90	(18.5	1 55.2 1 <0.243	(3.88	7.22
PARAMETER	DATE	HCCPD	- NODR IN	DDE	DIELDRIN	ENDRIN	DDT	DCPD	MIBK	DBCP	DMMP	DIMP	DMDS	OXATHIANE	DITHIANE	Chris	CONTRO COMMON	BENZENE	TOLLIFNE	FTHYRFN7	M-XYLENE	O/P-XYLEN	MEC	1 1 DCE	IIDCLE	T12DCE	CHCL 3	12DCLE	111TCE	CCL4	INCLE	TCLFF	CLC6H5	CHLORIDE	FLUORIDE	SULF ATE	NOZNO3	Z S	NA	×	CADMIUM	CHROMIUM	COPPER	LEAD	MERCURY	ARSENIC	PH SP. COND.

1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	37364 A	08/20/86	<0.147	<0.088	<0.072	1/0.07	0.034	<0.05	(9.31	<12.9	<0.130	<15.2	<10.5	<1 70	<1 40	04:17	(3.20	(3.20	42.60	<1.34	<1.21	<1.28	<1.35	<2.47	<5.00	<1.10	<1.20	<1.20	<1.40	<0.610	41.70	<2.40 <1 10	20.0	×1.30	<0.580	54000	<1220	102000		44 / 00	68700	6290	<5.20	<6.00	<7.90	<18.5	27.3	<0.243	7 31	727	
	37363 A	09/05/86	<0.070	<0.070	<0.060	<0.053	VO.050	<0.05	(6.3)	<12.9	<0.130	<15.2	<10.5	(1 77	77.17	5:-	71.17	66 23	<4 66	<1.34	<1.21	<1.28	<1.35	<2.47	<5.00	<1.10	<1.20	<1.20	<1.40	<0.610	<1.70	<2.40 <1.10		<1.30	<0.580	92400	<1220	196000	634	83600	07776	3370	<5.20	(6,00	<7.90	<18.5	23.0	<0.243	73.88	921	
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	37362 A	09/05/86	<0.070	<0.070	090.0>	<0.053	\0.050 \0.050	<0.070	49.31	<12.0	<0.130	(15.2	<10.5 <10.5	77 17	19 17	5:-	71.11	07.17	<4 66	<1.34	<1.21	<1.28	<1.35	<2.47	<5.00	<1.10	<1.20	<1.20	<1.40	<0.610	<1.70	<2.40	01.10	×1.30	<0.580	277000	1710	465000	2940	132000	244400	2630	<5.20	00.9>	<7.90	<18.5	35.6	<0.243	7.65	2040	
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	37361 A	09/04/86	<0.070	<0.070	<0.060	550.05	70.050	<0.032	(6.31	<12.0	VI 130	(15.20	7.012	77	13.17	5:->	71.17	27.17	64.66	<1.34	<1.21	<1.28	<1.35	<2.47	<5.00	<1.10	<1.20	<1.20	<1.40	<0.610	<1.70	<2.40	01.10	00.17	<0.580	63500	<1220	160000	6710	110000	15400	4090	(5.20	<6.00	<7.90	<18.5	<20.1	<0.243	<4.00 7.14	931	
	37360 A	09.404/86	<0.070	<0.070	<0.060	<0.053	\0.050 \0.050	070 07	(0.31	6 612	(0 130	(15.2	7.017	77	77.17	10:17	71.11	71.20	74 66	<1.34	<1.21	<1.28	<1.35	<2.47	<5.00	<1.10	<1.20	<1.20	<1.40	<0.610	<1.70	<2.40	01.10	00.17	<0.580	65300	<1220	142000	9940	124000	12800	3850	<5 20 <5 20	(6.00 (6.00	<7.90	<18.5	<20.1	<0.243	<4.00 7.50	914	
NUMBER	37359 A	09/12/86	<0.070	<0.070	<0.060	<0.053	<0.050 <0.050	70.07	20.07	6 612	<0 130 <0 130	(15.20	713.5	7.0.3	77.7	5	71.17	07.17	74.67	<1.35	<1.21	<1.28	<1.35	<2.47	<5.00	<1.10	2.12	<1.20	<1.40	<0.610	<1.70	<2.40	3.91	3.44	3.44 <0.580	140000	<1220	341000	6170	200000	25400	4240	(5.20	07.6>	<7.90	<18.5	<20.1	<0.243	43.88	/.0/ 1650	
13. H	37358 A	98/60/60	<0.070	<0.070	<0.060	<0.053	<0.050 <0.050	750.07	(0.0/	12:21	712.3	(15.13U	7.5.7	710.0	77.7	5	76 (7	07:17	67.47	<1.34	<1.21	<1.28	<1.35	<2.47	<5.00	<1.10	<1.20	<1.20	<1.40	<0.610	<1.70	<2.40	VI.10	00.17	<0.17	86400	<1220	128000	4920	179000	15700	3730	25.35 (5.20	00.9>	<7.90	<18.5	<20.1	<0.243	43.88	1420	
	37357 A	98/11/60	<0.070	<0.070	<0.060	<0.053	090.00	250.07	20.07	(3.31	716.7	VU. 130	21.0	51.0	77.17	10:17	71.17	07:17	74.65	74.00	<1.21	<1.28	<1,35	<2.47	<5.00	<1.10	<1.20	<1.20	11.0	<0.610	<1.70	<2.40	<1.10	2.24	7.24 70 580	109000	<1220	181000		89700	22100	93300	75 20	00'9>	<7.90	<18.5	35.9	<0.243	<3.88	1090	
	37356 A	98/80/60	<0.070	<0.070	<0.060	<0.053	<0.050	250.0>	0/0.0/	79.31	712.9	VU. 130	7.5.7	L/J	7.17	10:17	<1.11 <1.36	97.17	57.47	74.00 71.34	<1.21	<1.28	<1,35	<2.47	<5.00	<1.10	<1.20	<1.20	<1.40	<0.610	<1.70	<2.40	<1.10	VI.00	V 580	177000	<1220	228000	12300	155000	35000	119000	75 20	07:53	<7.90	<18.5	<20.1	<0.243	<4.00	5.94 1440	
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	37355 A	09/02/86	<0.070	<0.070	<0.060	<0.053	.077	250.05	0/0.07	(3.3)	712.9	\0.130 \15 2	7.017	7.0.7	7.5	10:17	</td <td>97.17</td> <td>57.47</td> <td>74.00</td> <td>12.12</td> <td><1.28</td> <td><1.35</td> <td><2.47</td> <td><5.00</td> <td>1.49</td> <td><1.20</td> <td><1.20</td> <td>6.03</td> <td><0.610</td> <td>32.9</td> <td><2.40</td> <td><1.10</td> <td><1.00 2.02</td> <td>3.62</td> <td>202000</td> <td>1590</td> <td>222000</td> <td>6940</td> <td>205000</td> <td>46200</td> <td>148000</td> <td>75 20</td> <td>22.57</td> <td><7.90</td> <td><18.5</td> <td><20.1</td> <td><0.243</td> <td><3.88</td> <td>7.22</td> <td>-</td>	97.17	57.47	74.00	12.12	<1.28	<1.35	<2.47	<5.00	1.49	<1.20	<1.20	6.03	<0.610	32.9	<2.40	<1.10	<1.00 2.02	3.62	202000	1590	222000	6940	205000	46200	148000	75 20	22.57	<7.90	<18.5	<20.1	<0.243	<3.88	7.22	-
	37354 A	09/11/86	<0.070	<0.070	<0.060	<0.053	090.0>	<0.052	0,0,0	73.31	617.9	VO.130	7.517	0.01	//:/>	10:17	\\. \\. \\.	41.26	24.63	74.00	2.24	<1.28	<1.35	<2.47	<5.00	<1.10	<1.20	<1.20	14.9	<0.610	<1.70	<2.40	<1.10	<1.00	1.03	139000	1300	169000	0006	102000	25000	24500	75 20	02:57	<7.90	<18.5	27.9	<0.243	<3.88	7.20))
	37353 A	09/12/86	<0.070	<0.070	090.0>	<0.053	<0.060	<0.052 0.052	0/0.07	13.31	(212.9	, vo. 130	7.5.7	000	7.12	10:17	1.1.	41.26	1 4.63	74.00	10.0	<1.28	<1.35	<2.47	(5.00	<1,10	1 <1.20	1 <1.20	1 <1.40	1 <0.610	1 <1.70	<2.40	<1.10	00.1>	1 <1.30	332000	<1220	359000	0896	501000	00809	132000	2930	75.20	1 <7.90	<18.5	1 26.2	1 <0.243	43.88	7.05	>
	PARAMETER	DATF	HCCPD	ALDRIN	ISODRIN	DDE	DIELDRIN	ENDRIN	100	מיניים יי	שומע	DECP	AME C	חוות	DMUS	UXAIHIANE	DITHIANE	CPMS	COMMO	DENIZENE	TOLIFNE	FTHYREN7	M-XYLENE	O/P-XYLFN	MECL	1 IDCE	1 1 DCLE	TI2DCE	CHCL 3	12DCLE	IIITCE	CCL4	TRCLE	112TCE	CLEE	CHLORIDE	FLUORIDE	SULFATE	NO2NO3	CA	MG	A Z	2	CADALOR	COPPER	LEAD	ZINC	MERCURY	ARSENIC	PH COND	

37365 D	37366 A	BOLLERD	C111 D	Q X	i t	WELL NUMBER	
3/300 A		30LLERU	2	Λιι υ			
36 09/04/86	_	09/04/86	98/60/60	98/60/60			
<0.070	•	<0.070	<0.070	<0.070			
<0.070		170	<0.070	<0.070			
		200	\0.06U	\0.05U			
090.07		3 5	70.050	70.050			
<0.052 <0.052 <0.052		2 62	<0.052	<0.052			
<0.070		202	<0.070	<0.070			
<9.31		_	<9.31	(9.31			
<12.9		•	<12.9	<12.9			
<0.130 <0.130 .327			<0.130	<0.130			
<15.2			<15.2	<15.2			
<10.5			<10.5	<10.5			
<1.17			<1.77	<1.17			
			(1.61	<1.61			
			∴	<1.1			
<1.26			<1.26	<1.26			
<4.23			<4.23	<4.23			
<4.66			<4.66	<4.66			
<1.34			75 17	22:12			
(1.21)			2 21	21.5			
17:17			00017	17:17			
			07:17	35 17			
6.17			71.33	72.47			
(5.00 (5.00			74.77	(5.47			
00.5			00:00	72.00			
			07.17	20.10			
07:13			07.17	07.17			
71.20			07:17	07:17			
01.40			70.40	70.40			
			70.010	70.010			
27.70			0,1,1	07.17			
72.40			3.23	72.40			
0			4.04	00.17			
			00.17	00.17			
			1.95	<1.30			
			. 085.05	085.0>			
49800			121000	000//			
			<1220	110000			
			000467	110000			
			11300	5480			
145000			192000	132000			
23400			20800	30700			
0			76900	00686			
6310			4/60	4940			
			<5.20	<5.20			
00·9>			(6.00	00.9>			
<7.90			<7.90	12.6			
			<18.5	<18.5			
<20.1			31.4	<20.1			
(0.243 (0.243 (0.243			<0.243	<0.243			
7 22			7 31	<4.00 - 2 - 2 - 2 - 3 - 3 - 3 - 3 - 3 - 3 - 3			
1060			1220	1250			
1000			1320	1320			

APPENDIX B.2
GC/MS CONFIRMATION FOR GROUND WATER SAMPLES,
THIRD AND FOURTH QUARTERS (FY86) AND ONPOST
GC/MS UNKNOWN TENTATIVE INDENTIFICATION

GC/MS CONFIRMATION - THIRD QUARTER

	1 1 1 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1	WELL	NUMBER					
PARAMETER	01012 A	01014 D	01020 A	02019 D	_ !	02035 D	02037 A	02038 D	02039 D	03005 A	03523 A	04007 A
DATE	06/25/86	07/01/86	06/25/86	06/24/86	06/27/86	06/25/86	_	06/23/86		98/11/90	06/04/86	06/04/861
HCCPD		<55.0	<11.0	<11.0		<11.0		<11.0		<11.0	<11.0	<11.0
ALDRIN	<4.70	<23.5	<4.70	<4.70		<4.70		<4.70		<4.70	<4.70	<4.70
SODRIN		<29.5	<5.90	<5.90		<5.90		<5.90		<5.90	<5.90	<5.90
DDE		<23.5	<4.70	<4.70		<4.70		<4.70		<4.70	<4.70	<4.70
DIELDRIN		<23.5	<4.70	<4.70		<4.70		<4.70		<4.70	<4.70	<4.70
ENDRIN		<38.0	<7.60	<7.60		<7.60		<7.60		<7.60	<7.60	<7.60
TOO	<10.0	<50.0	<10.0	<10.0		<10.0		<10.01>		0.01>	<10.0	<10.01>
DCPD (V)		3700	<2.00	<2.00		<2.00		<2.00		6.18	<2.00	<2.00
		72200	<4.70	<4.70		<4.70		<4.70		<4.70	<4.70	<4.70
	2.58	<200	<2.00	5.71		<2.00		<2.00		<2.00	<2.00	<2.00
DBCP (V)		<400	16.2	<4.00		<4.00		<4.00		<4.00	55.6	<4.00
	<15.0	<75.0	26.6	<15.0		<15.0		<15.0		<15.0	53.3	<15.0
		<28.5	<5.70	<5.70		<5.70		<5.70		<5.70	<5.70	<5.70
DMDS		<300	<3.00	<3.00		<3.00		<3.00		<3.00	<3.00	<3.00
OXATHIANE		<30.5	<6.10	<6.10		<6.10		<6.10		<6.10	<6.10	(6.10
DITHIANE		<55.0	25.4	<11.0		<11.0		<11.0		<11.0	<11.0	0.11.
CPMS		<70.0	<14.0	<14.0		<14.0		<14.0		<14.0	<14.0	<14.0
CPMSO		<85.0	<17.0	<17.0		<17.0		<17.0		<17.0	<17.0	<17.0
CPMS02		<40.0	22.9	<8.00		<8.00		<8.00		<8.00	<8.00	<8.00
BENZENE		185000	<10.0	16.5		<1.00		<1.00		<1.00	3.88	<1.00
TOL UE NE		1090	<1.00	<1.00		<1.00		<1.00		<1.00	<1.00	<1.00
ETHYBENZ		441	<1.00	<1.00		<1.00		<1.00		<1.00	<1.00	<1.00
M-XYLENE		1090	<1.00	<1.00		<1.00		<1.00		<1.00	<1.00	<1.00
O/P-XYLEN		846	<2.00	<2.00		<2.00		<2.00		<2.00	<2.00	<2.00
MECL		<500	11.4	<5.00		14.9		<5.00		<5.00	<5.00	<5.00
LIDCLE	_	<200	16.6	<2.00		7.52		<2.00		<2.00	<2.00	<2.00
TI2DCE		<200	4.19	<2.00		<2.00		<2.00		<2.00	<2.00	7.38
CHCL3		<100	1170	<1.00		283		9.18		1.49	12.4	00.15
12DCLE		<100	1.53	<1.00		<1.00		<1.00		<1.00	<1.00	00.12
111TCE		<100	2.71	<1.00		<1.00		00.15		00.15	00.15	00.17
CCL4		<200	<2.00	<2.00		7.84		<2.00		<2.00	42.00	62.00
TRCLE		<100	415	<1.00		98.9		00.17		00.15	00.17	3.74
112TCE		<100	<1.00	<1.00		<1.00		<1.00		<1.00	<1.00	00.15
TCLEE		<100	8.03	<1.00		2.63		<1.00		<1.00	00.1>	. 83
CLC6H5	1 <2.00	<200	50.3	<2.00		<2.00		<2.00		<2.00	<2.00	<2.00
BCHPD		1250	<1.00	<1.00		<1.00		<1.00		<1.00	<1.00	<1.00
ATRAZINE		<29.5	<5.90	<5.90		<5.90		<5.90		<5.90	<5.90	<5.90
MALATHION		<38.0	<7.60	<7.60		<7.60		<7.60		<7.60	<7.60	<7.60
PARATHION	1 < 14.0	<70.0	<14.0	<14.0		<14.0		<14.0		<14.0	<14.0	<14.0
SUPONA		<32.5	<6.50	<6.50		<6.50		<6.50		<6.50	<6.50	(6.50
DICHLORVS		<45.0	<9.00	<9.00		<9.00		< 6.00		<9.00	< 3.00	<9.00
CHLORDANE	1 <5.10	<25.5	<5.10	<5.10		<5.10		<5.10		<5.10	<5.10	(5.10

	1 1 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	WELL	NUMBER	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		1	1	
PARAMETER	04030 A	04033 A	0 50090	07001 A	09005 A	11002 A	22021 A	22024 D	23142 A	23177 D	23179 A	23185 A
DATE	06/04/86	06/04/86	06/04/86	05/29/86	98/50/90	05/29/86	06/12/86	98	06/26/86	06/12/86	06/12/86	198/61/90
HCCPD	<11.0 <11.0	<11.0	<11.0	<11.0		<11.0	<11.0		<11.0	<11.0	<11.0	<11.0
ALDRIN	<4.70	<4.70	<4.70	<4.70		<4.70	<4.70		<4.70	<4.70	<4.70	<4.70
ISODRIN	<5.90	<5.90	<5.90	<5.90		<5.90	<5.90		<5.90	<5.90	<5.90	<5.90
DDE	<4.70	<4.70	<4.70	<4.70		<4.70	<4.70		<4.70	<4.70	<4.70	<4.70
DIELDRIN	<4.70	<4.70	<4.70	<4.70		<4.70	<4.70		<4.70	<4.70	<4.70	<4.70
ENDRIN	<7.60	<7.60	<7.60	<7.60		<7.60	<7.60		<7.60	<7.60	<7.60	(7.60
Idd	<10.0	<10.0	<10.0	<10.0		<10.0	<10.01>		<10.01>	<10.01>	<10.01>	<10.01>
DCPD (V)	<2.00	<2.00	<2.00	<2.00		<2.00	<2.00		<2.00	<2.00	527	<2.00
	<4.70	<4.70	<4.70	<4.70		<4.70	<4.70		<4.70	<4.70	811	<4.70
	<2.00	<2.00	<2.00	<2.00		<2.00	<2.00		<2.00	<2.00	<2.00	<2.00
DBCP (V)	<4.00	<4.00	<4.00	<4.00		<4.00	<4.00		<4.00	<4.00	<4.00	<4.00
DBCP (N)	<15.0	<15.0	<15.0	<15.0		<15.0	<15.0		<15.0	<15.0	<15.0	<15.0
	<5.70	<5.70	<5.70	<5.70		<5.70	<5.70		653	24.1	510	2970
DMDS	35.0	<3.00	<3.00	<3.00		<3.00	<3.00		<3.00	<3.00	3.56	<3.00
OXATHIANE	<6.10	<6.10	<6.10	<6.10		<6.10	<6.10		<6.10	<6.10	9:36	<6.10
DITHIANE	<11.0	<11.0	<11.0	<11.0		<11.0	<11.0		28.2	<11.0	43.7	<11.0
CPMS	<14.0	<14.0	<14.0	<14.0		<14.0	<14.0		<14.0	<14.0	34.7	<14.0
CPMSO	<17.0	<17.0	<17.0	<17.0		<17.0	<17.0		<17.0	<17.0	<17.0	<17.0
CPMS02	<8.00	<8.00	<8.00	<8.00		<8.00	<8.00		<8.00	<8.00	368	<8.00
BENZENE	3.31	36.6	12.1	<1.00		1.96	<1.00		<1.00	<1.00	40.2	<1.00
TOLUENE	<1.00	<1.00	<1.00	<1.00		<1.00	<1.00		<1.00	<1.00	<1.00	<1.00
ETHYBENZ	<1.00	<1.00	<1.00	<1.00		<1.00	<1.00		<1.00	<1.00	<1.00	<1.00
M-XYLENE	<1.00	<1.00	<1.00	<1.00		<1.00	<1.00		<1.00	<1.00	<1.00	<1.00
O/P-XYLEN	<2.00	<2.00	<2.00	<2.00		<2.00	<2.00		<2.00	<2.00	3.24	<2.00
MECL	<5.00	<5.00	<5.00	<5.00		<5.00	<5.00		<5.00	<5.00	104	<5.00
1 IDCLE	<2.00	<2.00	<2.00	<2.00		<2.00	<2.00		<2.00	<2.00	3.40	<2.00
TIZDCE	4.21	<2.00	<2.00	<2.00		<2.00	<2.00		<2.00	<2.00	<2.00	<2.00
CHCL3	4.40	<1.00	<1.00	<1.00		<1.00	17.5		<1.00	1.99	32000	<1.00
12DCLE	<1.00	<1.00	<1.00	<1.00		<1.00	<1.00		<1.00	<1.00	115	00.15
IIITCE	<1.00	<1.00	<1.00	<1.00		<1.00	<1.00		<1.00	<1.00	00.15	00.15
CCL4	<2.00	<2.00	<2.00	<2.00		<2.00	<2.00 .:		<2.00	<2.00	42.00	42.00
TRCLE	251	<1.00	<1.00	<1.00		00.15	00.15		00.15	00.17	12.9	00.17
112TCE	<1.00	<1.00	<1.00	<1.00		<1.00	<1.00		00.15	00.17	77.00	
TCLEE	00.1>	<1.00	<1.00	<1.00		<1.00	<1.00		00.15	00.15	7.67	00:17
CLC6H5	<2.00	<2.00	<2.00	<2.00		<2.00	<2.00		<2.00	<2.00	<2.00 	<2.00 .: 00 .: 00
BCHPD	00.1>	<1.00	<1.00	<1.00		<1.00	<1.00		<1.00	<1.00	153	00.17
ATRAZINE	<5.90	<5.90	<5.90	<5.90		<5.90	<5.90		<5.90	<5.90	<5.90	(5.90
MALATHION	1 <7.60	<7.60	<7.60	<7.60		<7.60	<7.60		<7.60	<7.60	<7.60	<7.60
PARATHION	<14.0	<14.0	<14.0	<14.0		<14.0	<14.0		<14.0	<14.0	<14.0	<14.0
SUPONA	1 <6.50	<6.50	<6.50	<6.50		<6.50	<6.50		<6.50	(6.50	<6.50	(6.50
DICHLORVS	00.6> 1	< 6.00	< 8.00	< 6.00		< 8.00	<0.6>		<6.00	<9.00	<9.00	69.00
CHLORDANE	(5.10	<5,10	<5.10	<5.10		<5.10	<5.10		<5.10	(5.10	(2.10	(5, 10

	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	WELL	i				1	
PARAMETER	23188 A	23190 D	24150 A	24178 A		26041 A	26066 D	26073 A	26083 A	26084 D		26086 D
DATE	98/61/90		05/29/86		06/25/86	06/27/86	06/25/86	_	06/23/86	06/23/86	98/92/90	06/24/86
HCCPD	<11.0					<11.0			<11.0	<11.0		<11.0
ALDRIN	<4.70					<4.70			<4.70	<4.70		<4.70
ISODRIN	<5.90					<5.90			<5.90	<5.90		<5.90
DDE	<4.70					<4.70			<4.70	<4.70		<4.70
DIELDRIN	<4.70					<4.70			<4.70	<4.70		<4.70
ENDRIN	1 <7.60					<7.60			<7.60	<7.60		<7.60
TOO	1 <10.0					<10.0			<10.0	<10.0		<10.01>
DCPD (V)	15.0					82.9			<2.00	<2.00		<2.00
DCPD (N)	42.0	<4.70				89.2			<4.70	<4.70		<4.70
	<2.00	_				32.7			<2.00	<2.00		<2.00
DBCP (V)	(4,00	~				<4.00			<4.00	<4.00		<4.00
DBCP (N)	<15.0	<15.0				<15.0			<15.0	<15.0		<15.0
DIMP	129	_				2250			<5.70	<5.70		171
DMDS	<3.00	0				183			<3.00	<3.00		<3.00
OXATHIANE	<6.10	0				<6.10			<6.10	<6.10		<6.10
DITHIANE	45.1	_				64.9			<11.0	<11.0		<11.0
CPMS	<14.0	_				<14.0			<14.0	<14.0		<14.0
CPMSO	1 <17.0	<17.0				<17.0			<17.0	<17.0		<17.0
CPMS02	162	_				280			<8.00	<8.00		<8.00
BENZENE	<1.00	<i.00< td=""><td></td><td></td><td></td><td>58.1</td><td></td><td></td><td><1.00</td><td>16.4</td><td></td><td>1.95</td></i.00<>				58.1			<1.00	16.4		1.95
TOLUENE	1 <1.00	0				953			<1.00	<1.00		<1.00
ETHYBENZ	1 <1.00	<1.00				<1.00			<1.00	<1.00		<1.00·I>
M-XYLENE	1 <1.00	0				<1.00			<1.00	<1.00		<1.00
O/P-XYLEN	1 <2.00	_				<2.00			<2.00	<2.00		<2.00
MECL	1 <5.00					<5.00			<5.00	<5.00		<5.00
IDCLE	<2.00	<2.00				<2.00			<2.00	<2.00		<2.00
TI2DCE	1 <2.00	0				2.19			<2.00	<2.00		<2.00
CHCL3	1 <1.00	0				<1.00			<1.00	<1.00		<1.00
12DCLE	1.53	0				140			<1.00	<1.00		<1.00
IIITCE	1 <1.00	0				<1.00			<1.00	<1.00		<1.00
CCL4	<2.00	0				<2.00			<2.00	<2.00		<2.00
TRCLE	4.28	0				13.9			<1.00	<1.00		<1.00
112TCE	<1.00	<1.00				<1.00			<1.00	<1.00		<1.00
TCLEE	1 <1.00	0				<1.00			<1.00	<1.00		<1.00
CLC6H5	1 <2.00	<2.00				2.16			<2.00	<2.00		<2.00
BCHPD	2.49	<1.00				14.7			<1.00	<1.00		<1.00
ATRAZINE	1 <5.90	0				<5.90			<5.90	<5.90		<5.90
MALATHION	1 <7.60	0				<7.60			<7.60	<7.60		<7.60
PARATHION	1 <14.0	0				<14.0			<14.0	<14.0		<14.0
SUPONA	1 <6.50	0				<6.50			<6.50	<6.50		(6.50
DICHLORVS	00.6>	0				< 8.00			< 9.00	<6.00		<9.00
CHLORDANE	1 <5.10	<5.10				<5.10			<5.10	<5.10		<5.10

		26128 D	26133 A	26140 D	27040 A	27062 A	28025 D	28027 A	33060 A	35012 D	35013 D	35052 A
DATE	1 06/26/86	06/24/86	06/27/86	06/24/86	98/61/90	06/12/86	98/61/90	06/04/86	06/04/86	98/11/90	06/12/86	06/25/86
HCCPD	<11.0	<11.0	<11.0	<11.0		<11.0		<11.0		<11.0		<11.0
ALDRIN	5.20	5.64	<4.70	<4.70		<4.70		<4.70		<4.70		<4.70
SODRIN	1 <5.90	<5.90	<5.90	<5.90		<5.90		<5.90		<5.90		<5.90
DDE	1 <4.70	<4.70	<4.70	<4.70		<4.70		<4.70		<4.70		<4.70
DIELDRIN	12.7	56.9	<4.70	<4.70		<4.70		<4.70		<4.70		<4.70
ENDRIN	1 <7.60	7.64	<7.60	<7.60		<7.60		<7.60		<7.60		<7.60
DDT	<10.0	<10.0	<10.0	<10.0		<10.0		<10.0		<10.0		<10.01>
DCPD (V)	<2.00	<2.00	1050	<2.00		<2.00		<2.00		<2.00		<2.00
	<4.70	<4.70	1110	<4.70		<4.70		<4.70		<4.70		<4.70
	<2.00	<2.00	462	<2.00		<2.00		<2.00		<2.00		<2.00
DBCP (V)	<4.00	<4.00	<400	<4.00		<4.00		<4.00		<4.00		<4.00
	1 <15.0	<15.0	39.1	<15.0		<15.0		<15.0		<15.0		<15.0
	1860	1010	693	<5.70		27.1		<5.70		3460		<5.70
DMDS	<3.00	<3.00	<300	<3.00		<3.00		<3.00		<3.00		<3.00
OXATHIANE	1 <6.10	<6.10	26.5	<6.10		<6.10		<6.10		28.7		<6.10
DITHIANE	74.8	42.3	69.1	<11.0		<11.0		<11.0		192		<11.0
CPMS	<14.0	<14.0	527	<14.0		<14.0		<14.0		<14.0		<14.0
CPMSO	1 <17.0	<17.0	<17.0	<17.0		<17.0		<17.0		<17.0		<17.0
CPMS02	1 <8.00	<8.00	801	<8.00		<8.00		<8.00		<8.00		<8.00
BENZENE	1 <1.00	<1.00	605	<1.00		<1.00		<1.00		40.9		5.78
TOLUENE	<1.00	<1.00	270	<1.00		<1.00		<1.00		1.33		<1.00
ETHYBENZ	1 <1.00	<1.00	<100	<1.00		<1.00		<1.00		<1.00		<1.00
M-XYLENE	1 <1.00	<1.00	<100	<1.00		<1.00		<1.00		<1.00		<1.00
O/P-XYLEN	1 <2.00	<2.00	<200	<2.00		<2.00		<2.00		<2.00		<2.00
MECL	1 <5.00	<5.00	1710	<5.00		<5.00		<5.00		<5.00		<5.00
1 IDCLE	1 <2.00	<2.00	<200	<2.00		<2.00		<2.00		<2.00		<2.00
T12DCE	1 <2.00	<2.00	<200	<2.00		<2.00		<2.00		<2.00		<2.00
CHCL3	1 <1.00	<1.00	00089	36.0		33.9		<1.00		<1.00		2.32
12DCLE	1 <1.00	<1.00	<100	<1.00		<1.00		<1.00		<1.00		<1.00
111TCE	1 <1.00	<1.00	<100	<1.00		<1.00		2.25		<1.00		<1.00
CCL4	<2.00	<2.00	<200	<2.00		<2.00		<2.00		<2.00		<2.00
TRCLE	1 <1.00	<1.00	<100	<1.00		1.69		<1.00		2.15		2.41
112TCE	1 <1.00	<1.00	<100	<1.00		<1.00		<1.00.1>		<1.00		<1.00
TCLEE	<1.00	<1.00	495	<1.00		<1.00		<1.00		<1.00		<1.00
CLC6H5	1 2.37	2.39	<200	<2.00		<2.00		<2.00		80.0		18.3
BCHPD	1 <1.00	<1.00	958	<1.00		<1.00		<1.00		<1.00		<1.00
ATRAZINE	1 <5.90	<5.90	<5.90	<5.90		<5.90		<5.90		<5.90		<5.90
MALATHION	1 <7.60	<7.60	<7.60	<7.60		<7.60		<7.60		<7.60		<7.60
PARATHION	1 < 14.0	<14.0	<14.0	<14.0		<14.0		<14.0		<14.0		<14.0
SUPONA	<6.50	<6.50	<6.50	<6.50		<6.50		<6.50		<6.50		<6.50
DICHIORVS	70 00	70 00	00 07	00 07		00 07		/0 00		00 07		70 00
	74,000	00.67	00.6/	00.67		00.6		00.67		73.00		00.67

			1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	WELL NUMBER
36001 A 3	mı	36076 A	36082 A	36112 A	
	90	06/25/86	06/27/86	98/02/90	
	<u>=</u>	0.	<11.0	<11.0	
	<4.70	_ (<4.70	<4.70	
	75.90		<55.90 <4.70	73.90	
	<4.70		<4.70	<4.70	
	<7.60		<7.60	<7.60	
	<10.0		<10.01>	<10.0	
	<2000		<200	<2.00	
	<4.70		28.0	<4.70	
	<2000		<200	<2.00	
	<4000		<400	<4.00	
	<15.0		<15.0	<15.0	
	<5.70		485	1050	
	<3000		<300	<3.00	
	27.9		179	76.8	
	28.2		972	450	
	<14.0		<14.0	<14.0	
	<17.0		<17.0	<17.0	
	419		226	<8.00	
	<1000		104	2.65	
	<1000		<100	<1.00	
	<1000		<100	<1.00	
	<1000		<100	<1.00	
	<2000		<200	<2.00	
	30100		<500	<5.00	
	<2000		<200	<2.00	
	<2000		<200	<2.00	
	14900		×100	00.15	
	00017		2100	8.5	
	<2000		<200	<2,00	
	<1000		<100	<1.00	
	<1000		<100	<1.00	
	<1000		<100	<1.00	
	16500		413	<2.00	
	<1000		<100	<1.00	
	6.10		<5.90	<5.90	
	<7.60		<7.60	<7.60	
	<14.0		<14.0	<14.0	
	(6.50		<6.50	<6.50	
	<9.00		< 8.00	< 6.00	
	<5.10		<5.10	<5.10	

GC/MS CONFIRMATION - FOURTH QUARTER

			1	1		WELL	NUMBER	1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		1 1 1 1 1 1 1 1 1	
PARAMETER	01021 A	01023 D	02020 A	02034 A	02035 D	04014 A	04021 A	04027 A	22059 A	22060 A	23095 A	23125 A
DATE	09/18/86	98/81/60	09/11/86	36	98/50/60	08/56/86	08/22/86	9	98/60/60	98/80/60	9	09/25/86
HCCPD	<11.0	<11.0	<11.0		<11.0	<11.0	<11.0		<11.0	<11.0		<11.0
ALDRIN	<4.70	<4.70	<4.70		<4.70	<4.70	<4.70		<4.70	<4.70		<4.70
ISODRIN	<5.90	<5.90	<5.90		<5.90	<5.90	<5.90		<5.90	<5.90		(5.90
DDE	<4.70	<4.70	<4.70		<4.70	<4.70	<4.70	-	<4.70	<4.70		<4.70
DIELDRIN	1 <4.70	<4.70	<4.70		<4.70	<4.70	<4.70		<4.70	<4.70		<4.70
ENDRIN	1 <7.60	<7.60	<7.60		<7.60	<7.60	<7.60		<7.60	<7.60		<7.60
TOO	0.01>	<10.0	<10.0		<10.0	<10.01>	<10.0		<10.01>	<10.0		<10.01>
DCPD (V)	<2.00	<2.00	<2.00		<2.00	<2.00	<2.00		<2.00	<2.00		(2.00
DCPD (N)	<4.70	<4.70	<4.70		<4.70	<4.70	<4.70		<4.70	<4.70		<4.70
	1 <2.00	<2.00	<2.00		<2.00	<2.00	<2.00		<2.00	<2.00		<2.00
DBCP (V)	4.00	<4.00	<4.00		<4.00	60.6	<4.00		<4.00	<4.00		<4.00
DBCP (N)	<15.0	<15.0	<15.0		<15.0	<15.0	<15.0		<15.0	<15.0		<15.0
	<5.70	<5.70	<5.70		<5.70	<5.70	<5.70		<5.70	<5.70		10.5
DMDS	(3.00	<3.00	<3.00		<3.00	<3.00	5.64		<3.00	<3.00		<3.00
OXATHIANE	1 <6.10	<6.10	<6.10		<6.10	<6.10	<6.10		<6.10	<6.10		(6.10
DITHIANE	1 <11.0	<11.0	<11.0		<11.0	<11.0	<11.0		<11.0	<11.0		0.115
CPMS	1 <14.0	<14.0	<14.0		<14.0	<14.0	<14.0		<14.0	<14.0		<14.0
CPMSO	1 <17.0	<17.0	<17.0		<17.0	<17.0	<17.0		<17.0	<17.0		<17.0
CPMS02	1 <8.00	<8.00	<8.00		<8.00	<8.00	<8.00		<8.00	<8.00		<8.00
BENZENE	1 <1.00	<1.00	<1.00		<1.00	<1.00	<1.00		<1.00	<1.00		<1.00.1>
TOLUENE	1 <1.00	<1.00	<1.00		<1.00	<1.00	<1.00		<1.00	<1.00		<1.00
ETHYBENZ	<1.00	<1.00	<1.00		<1.00	<1.00	<1.00		<1.00	<1.00		00.1>
M-XYLENE	<1.00	<1.00	<1.00		<1.00	<1.00	<1.00		<1.00	<1.00		<1.00
O/P-XYLEN	1 <2.00	<2.00	<2.00		<2.00	<2.00	<2.00		<2.00	<2.00		<2.00
MECL	<5.00	<5.00	<5.00		<5.00	<5.00	<5.00		17.9	>160		<5.00
11DCLE	1 <2.00	<2.00	2.82			<2.00	<2.00		<2.00	<2.00		<2.00
T12DCE	<2.00	<2.00	<2.00		<2.00	<2.00	<2.00		<2.00	<2.00		<2.00 ?.?.
CHCL3	<1.00	<1.00	36.0		>166	<1.00	1.84		60.6	<i. 00<br="">. i. 00</i.>		2.24
12DCLE	<1.00	<1.00	<1.00		<1.00	<1.00	<1.00 .:		<1.00 ::	<1.00		00.1.
111 TCE	<1.00		<1.00		×1.00	<1.00 (1.00	VI.00		<1.00 (0.00	VI.00		00.15
CCL4	(2.00	<2.00 (:.00	<2.00		16.7	<2.00	<2.00 22.00		<2.00 <1.00	<2.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00		42.00
RCLE	00.15		00.17		g. /0	00.17	6.77		00.17	00.17		8:1
121CE	00.1	00.1.	00.17		2 50	00.17	90.17		8.5	8.17		90.17
I VEEE	00.17	00.17	00.17		2.07	00.17	00.17		00:17	20.00		00 00
CLC6H5	42.00	62.00	22.00		00.23	00.27	00.27		25.00	00.77		00.7
BCHPD	00.15	00.15	00.17		00.17	00.17	00.17		00.17	00.17		00.17
ATRAZINE	(5.90	(5.90	(5.90		<5.90 (7.00)	(5.90	(5.90		(5.90	(5.90		(5.90
MALATHION	1 <7.60	<7.60	<7.60		<7.60	<7.60	09./>		09./>	09./>		67.60
PARATHION	<14.0	<14.0	<14.0		<14.0	<14.0	<14.0		<14.0	<14.0		<14.0
SUPONA	(6.50	<6.50	<6.50		<6.50	(6.50	<6.50		<6.50	<6.50 (6.50		(6.50
DICHLORVS	00.6>	<9.00	<6.00		<9.00	<9.00	<9.00		65.00	69.00		49.00
CHLORDANE	(5.10	<5.10	<5.10		<5.10	<5.10	(5.10		(2.10	(5.10		(5.10

Decided Heat	PARAMETER	23179 A	23182 A	23183 0	23191 A	23192 D	24178 A	24185 A	25016 0	26011 A	26015 A	26017 A	26020 A
(4.70	DATE	09/02/86	09/04/86	09/04/86	09/04/86	98/50/60	09/22/86	09/23/86		98/61/60	09/22/86	09/22/86	09/23/86
(4,70	ICCPD	<11.0	<11.0	<11.0	<11.0	<11.0	<11.0	<11.0		<11.0	<11.0	<11.0	
(4.70	LDRIN	<4.70	<4.70	<4.70	<4.70	<4.70	<4.70	<4.70		<4.70	<4.70	<4.70	
(4.70)	SODRIN	<5.90	<5.90	<5.90	<5.90	<5.90	<5.90	<5.90		<5.90	<5.90	<5.90	
(4.70 (4.7) DE	44.70	<4.70	<4.70	<4.70	<4.70	<4.70	<4.70		<4.70	<4.70	<4.70	
17.60 17.6	IELDRIN	<4.70	<4.70	<4.70	<4.70	<4.70	<4.70	<4.70		<4.70	<4.70	<4.70	
(10.0) (10.0)	NDRIN	1 <7.60	<7.60	<7.60	<7.60	<7.60	<7.60	<7.60		<7.60	<7.60	<7.60	
1 155 15.00 15	TO	0.01>	<10.01>	<10.0	<10.0	<10.0	<10.0	<10.0		<10.0	<10.0	<10.0	
1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1,		795	<2.00	<2.00	<2.00	<2.00	46.7	<2.00		<2.00	<2.00	<2.00	<2.00
\$2.00		698	<4.70	<4.70	<4.70	<4.70	55.9	<4.70		<4.70	<4.70	<4.70	
		<2.00	<2.00	<2.00	<2.00	<2.00	<2.00	<2.00		<2.00	<2.00	<2.00	<2.00
540		(4.00	<4.00	<4.00	<4.00	<4.00	5.13	<4.00		<4.00	<4.00	<4.00	4.00
540 55.70 55.70 55.70 585 55.70 586 590 59		1 <15.0	<15.0	<15.0	<15.0	<15.0	<15.0	<15.0		<15.0	<15.0	<15.0	
\$3.00		540	<5.70	<5.70	385	<5.70	>282	<5.70		14.9	412	61.4	
Ke Ce Ce Ce Ce Ce Ce Ce	MDS	<3.00	<3.00	<3.00	<3.00	<3.00	<3.00	<3.00		<3.00	<3.00	<3.00	<3.00
Fig. 15.0	XATHIANE	(6.10	<6.10	<6.10	<6.10	<6.10	<6.10	<6.10		<6.10	<6.10	<6.10	
115	ITHIANE	55.0	<11.0	<11.0	<11.0	<11.0	<11.0	<11.0		<11.0	<11.0	<11.0	
\$\limins_{11} \cdots \text{(17.0} \cdots \te	PMS	115	<14.0	<14.0	<14.0	<14.0	<14.0	<14.0		<14.0	<14.0	<14.0	
390 88.00 68.00 44.8	PMSO	1 <17.0	<17.0	<17.0	<17.0	<17.0	70.3	<17.0		<17.0	<17.0	<17.0	
31.5	PMS02	390	<8.00	<8.00	44.8	<8.00	9.81	<8.00		<8.00	105	<8.00	
	ENZENE	31.5	<1.00	<1.00	<1.00	<1.00	1.14	<1.10		<1.00	<1.10	<1.10	1.10
K	OL UENE	1 <1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00		<1.00	<1.00	<1.00	<1.00
C	THYBENZ	00.1>	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00		<1.00	<1.00	<1.00	<1.00
150	-XYLENE	1 <1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00		<1.00	<1.00	<1.00	<1.00
150	/P-XYLEN	2.85	<2.00	<2.00	<2.00	<2.00	<2.00	<2.00		<2.00	<2.00	<2.00	<2.00
3.35	ECL	150	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00		<5.00	<5.00	<5.00	<5.00
<2.00	IDCLE	3.35	<2.00	<2.00	<2.00	<2.00	<2.00	<2.00		<2.00	<2.00	<2.00	<2.00
>16600 < 1.00	12DCE	<2.00	<2.00	<2.00	<2.00	<2.00	<2.00	<2.00		<2.00	<2.00	<2.00	<2.00
122 122	HCL3	1 > 16600	<1.00	<1.00	<1.00	<1.00	163	<1.00		<1.00	<1.00	<1.00	<1.00
Color Colo	2DCLE	122	<1.00	<1.00	<1.00	<1.00	1.39	<1.00		<1.00	<1.00	<1.00	<1.00
<2.00	11TCE	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00		<1.00	<1.00	<1.00	<1.00
9.90	CL4	<2.00	<2.00	<2.00	<2.00	<2.00	2.73	<2.00		<2.00	<2.00	<2.00	<2.00
1	RCLE	9.90	<1.00	<1.00	<1.00	<1.00	1.34	<1.00		<1.00	<1.00	<1.00	<1.00
59.0	12TCE	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00		<1.00	<1.00	<1.00	<1.00
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145 (1.00	LC6H5	<2.00	<2.00	<2.00	<2.00	<2.00	<2.00	<2.00		<2.00	<2.00	<2.00	<2.00
(5.90 (5.9	CHPD	145	<1.00	<1.00	<1.00	<1.00	3.17	<1.00		<1.00	<1.00	<1.00	<1.00
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<14.0	ALATHION	47.60	<7.60	<7.60	<7.60	<7.60	<7.60	<7.60		<7.60	<7.60	<7.60	
<6.50	ARATHION	<14.0	<14.0	<14.0	<14.0	<14.0	<14.0	<14.0		<14.0	<14.0	<14.0	
<9.00 <9.00 <9.00 <9.00 <9.00 <9.00 <9.00 <9.00 <9.00 <9.00 <9.00 <9.00 <9.00 <9.00 <9.00 <9.00 <9.00 <9.00 <9.00 <9.00 <9.00 <9.00 <9.00 <9.00 <9.00 <9.00 <9.00 <9.00 <9.00 <9.00 <9.00 <9.00 <9.00 <9.00 <9.00 <9.00 <9.00 <9.00 <9.00 <9.00 <9.00 <9.00 <9.00 <9.00 <9.00 <9.00 <9.00 <9.00 <9.00 <9.00 <9.00 <9.00 <9.00 <9.00 <9.00 <9.00 <9.00 <9.00 <9.00 <9.00 <9.00 <9.00 <9.00 <9.00 <9.00 <9.00 <9.00 <9.00 <9.00 <9.00 <9.00 <9.00 <9.00 <9.00 <9.00 <9.00 <9.00 <9.00 <9.00 <9.00 <9.00 <9.00 <9.00 <9.00 <9.00 <9.00 <9.00 <9.00 <9.00 <9.00 <9.00 <9.00 <9.00 <9.00 <9.00 <9.00 <9.00 <9.00 <9.00 <9.00 <9.00 <9.00 <9.00 <9.00 <9.00 <9.00 <9.00 <9.00 <9.00 <9.00 <9.00 <9.00 <9.00 <9.00 <9.00 <9.00 <9.00 <9.00 <9.00 <9.00 <9.00 <9.00 <9.00 <9.00 <9.00 <9.00 <9.00 <9.00 <9.00 <9.00 <9.00 <9.00 <9.00 <9.00 <9.00 <9.00 <9.00 <9.00 <9.00 <9.00 <9.00 <9.00 <9.00 <9.00 <9.00 <9.00 <9.00 <9.00 <9.00 <9.00 <9.00 <9.00 <9.00 <9.00 <9.00 <9.00 <9.00 <9.00 <9.00 <9.00 <9.00 <9.00 <9.00 <9.00 <9.00 <9.00 <9.00 <9.00 <9.00 <9.00 <9.00 <9.00 <9.00 <9.00 <9.00 <9.00 <9.00 <9.00 <9.00 <9.00 <9.00 <9.00 <9.00 <9.00 <9.00 <9.00 <9.00 <9.00 <9.00 <9.00 <9.00 <9.00 <9.00 <9.00 <9.00 <9.00 <9.00 <9.00 <9.00 <9.00 <9.00 <9.00 <9.00 <9.00 <9.00 <9.00 <9.00 <9.00 <9.00 <9.00 <9.00 <9.00 <9.00 <9.00 <9.00 <9.00 <9.00 <9.00 <9.00 <9.00 <9.00 <9.00 <9.00 <9.00 <9.00 <9.00 <9.00 <9.00 <9.00 <9.00 <9.00 <9.00 <9.00 <9.00 <9.00 <9.00 <9.00 <9.00 <9.00 <9.00 <9.00 <9.00 <9.00 <9.00 <9.00 <9.00 <9.00 <9.00 <9.00 <9.00 <9.00 <9.00 <9.00 <9.00 <9.00 <9.00 <9.00 <9.00 <9.00 <9.00 <9.00 <9.00 <9.00 <9.00 <9.00 <9.00 <9.00 <9.00 <9.00 <9.00 <9.00 <9.00 <9.00 <9.00 <9.00 <9.00 <9.00 <9.00 <9.00 <9.00 <9.00 <9.00 <9.00 <9.00 <9.00 <9.00 <9.00 <9.00 <9.00 <9.00 <9.00 <9.00 <9.00 <9.00 <9.00 <9.00 <9.00 <9.00 <9.00 <9.00 <9.00 <9.00 <9.00 <9.00 <9.00 <9.00 <9.00 <9.00 <9.00 <9.00 <9.00 <9.00 <9.00 <9.00 <9.00 <9.00 <9.00 <9.00 <9.00 <9.00 <9.00 <9.00 <9.00 <9.00 <9.00 <9.00 <9.00 <9.00 <9.00 <9.00 <9.00 <9.00 <9.00 <9.00 <9.00 <9.00 <9.00 <9.00 <9.00 <9.00 <9	UPONA	<6.50	<6.50	<6.50	<6.50	<6.50	<6.50	<6.50		<6.50	<6.50	<6.50	
<5.10 <5.10 <5.10 <5.10 <5.10 <5.10 <5.10 <5.10 <5.10 <5.10	1CHLORVS	< 9.00	< 9.00	< 3.00	< 3.00	<9.00	<9.00	<9.00		< 8.00	<9.00	<9.00	
	HLORDANE	<5.10	<5.10	<5.10	<5.10	<5.10	<5.10	<5.10		<5.10	<5.10	<5.10	

RMA TASK 4 WATER QUALITY DATA - 4TH QUARTER 8/86-10/86 - GCMS CONFIRMATION FOR GROUND WATER SAMPLES

page 3

	198/																																									
35038	98/50/60	VII.0	74.70	73.30	74.70	74.70	7.00	<10.0	<2.00	<4.70	<2.00	<4.00	<15.0	<5.70	<3.00	<6.10	<11.0	<14.0	<17.0	<8.00	<1.00	<1.00	<1.00	<1.00	<2.00	<5.00	<2.00	<2.00	<1.00 . 1.00	VI.00	00.17	00.2 00.1>	\$ 1.00 \$ 1.00	<1.00	<2.00	<1.00	<5.90	<7.60	<14.0	<6.50	<9.00	<5.10
35037 A	98/50/60	0.11.	74.70 75.00	73.90	0.4.	8.04	09./>	<10.0	<2.00	<4.70	<2.00	<4.00	<15.0	<5.70	<3.00	<6.10	<11.0	<14.0	<17.0	<8.00	<1.00	<1.00	<1.00	<1.00	<2.00	<5.00	<2.00	<2.00	33.0	<1.00 (1.00 (1.00)	20.00	77.00 (1.00	00 1>	(I.00	<2.00	<1.00	<5.90	<7.60	<14.0	<6.50	<9.00	<5.10
33034 D	09/04/86																																									
	09/04/86																																									
	08/28/86																																									
33024 A	98/20/60																																									
WELL 27053 A	09/19/86	<11.0 <1 36	74.70	02.67	07.47	74.70	09.17	<10.0	<2.00	<4.70	<2.00	<4.00	<15.0	<5.70	<3.00	<6.10	<11.0	<14.0	<17.0	<8.00	<1.00	<1.00	<1.00	<1.00	<2.00	<5.00	<2.00	<2.00	<1.00	<1.00 .:	73.00	<2.00 <1.00	20:12	<1.00 <1.00	<2.00	<1.00	<5.90	<7.60	<14.0	<6.50	<9.00	<5.10
27016 A	09/26/86																																									
26142 D	09/24/86																																									
26133 A	98/61/60	<11.0 .: 30	74.70	06.67																																						
26127 A	09/53/86	0.1.0	74.70	06.67	74.70		09./>		_	_		_	<15.0		<3.00	_		0	<17.0	_	_	_	<1.00				_	_	_			77.00 71.00				_	_	_	_	_	<9.00	_
26041 A	98,	<11.0			74.70	74.70	09.17	<10.0	46.8	73.4	25.1	<20.0	<15.0	2500	42.3	<6.10	62.1	<14.0	<17.0	429	<27.5	<25.0	<5.00	<5.00	<10.0	<25.0	0.01>	<10.0	<5.00	<25.0	<5.00 <10.00	0.01	7.5.00	<5.00	<10.0	7.38	<5.90	<7.60	<14.0	<6.50	< 3.00	<5.10
PARAMETER	DATE	HCCPD	ALDRIN	I SOURTIN	חוק של היי	DIELUKIN	ENDRIN			DCPD (N)	MIBK	DBCP (V)	DBCP (N)	DIMP	DMDS	OXATHIANE !	DITHIANE	CPMS	CPMSO	CPMS02	BENZENE	TOLUENE	ETHYBENZ	M-XYLENE	O/P-XYLEN	MECL	1 IDCLE 1	T12DCE [CHCL3	IZDCLE	11105	TRCI F	1 12 TCF	TCLEE	CLC6H5	BCHPD	ATRAZINE	MALATHION	PARATHION	SUPONA	DICHLORVS	CHLORDANE

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	36082 A	09/2	=	<4.70	(5.9	4.7	<4.7	47.6	<10.	30.5	31.5	<2.0	<4.0	<15.	482	3.0	197	1220	<u>^</u>	<17.	257	0.1	 	1.0	2.10	<2°0	<5°.0	<2.0	<2.0	3.43	3.0	7.1.	7.7			.03	2.16	8.47	65.9	47.6	<14.	₹9°	\$	\ 5.1
1	4	98/																																										
1	6065 A	09/26/86	1.0	<4.70	5.90	4.70	4.70	7.60	10.0	2.00	4.70	2.00	4.00	15.0	5.70	3.00	6.10	0	14.0	17.0	8.00	.73	00.1	00.1	00.1	2.00	5.00	2.00	2.00	3.5	00.1	1.00	ρ.	4 ·	00:	0.0	.87	00.1	5.90	7.60	14.0	6.50	9.00	5.10
1	m 1	_	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	7	~	~	~	~	~	~	~		ν.	· ·		4- ,		~	2	~	~	~	~	~	~	~
1	5065 A	98/80/60	0.	<4.70	90	20	70	09	0.0	0	0	00	00	0.0	00	00	0 .		0.	0.7	m.	00	8	00	00.	00.	00.	00.	00.	<1.00	90.	8.	3 :	4.4	9.	. 7	44	8	96.	. 60	4.0	. 50	00.	0.
1	m I	0	•	•	•	-	-						<u>^</u>	=======================================	146	e,	9>	107	-	-	94	<u></u>	<u></u>	<u></u>	<u></u>	\$	\$	\$	\$	<u>.</u>	<u>-</u> :	∵ :	7.	4.	-	2	4	$\overline{}$	\$	\\	Ż	9>	\$	< 5
-	3 0	2/86	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00	00	00	0	0	0	0	0	8	o (0 (> ()	.	0	0	0	0	0	0	0	0	0
i	35063 D	98/51/60 9	<u>:</u>	<4.7	<5.9	4.7	<4.7	47.6	< 10.	<2.0	<4.7	<2.0	<4.0	<15.	<5.7	<3.0	<6.1	Ξ.	<14.	<17.0	<8.0								<2.0				0.23						<5.9	•	~	<6.5		
1	۲ !	98,																																										
1	35058	98/80/60	0.1	<4.70	. 90	<4.70	<4.70	<7.60	<10.0	<2.00	<4.70	<2.00	<4.00	15.0	<5.70	<3.00	<6.10	<11.0	14.0	<17.0	<8.00	<1.00	<1.00	<1.00	<1.00	2.00	2.00	5.00	<2.00	9.40	00.	<1.00	<2.00	\	<1.00	<1.00	<2.00	<1.00	5.90	<7.60	14.0	<6.50	<9.00	<5.10
-	# l	50	~		~	 	<u>~</u>	\ 	<u>-</u>	∵ 	~ 	~ 	~ 	<u>~</u>	∵ 		~ 	<u>~</u>	<u>~</u>	<u>~</u>	~	<u>~</u>	<u>~</u>	<u>~</u>	~		~ 		~ 	6		~ ·			~	~		<u>~</u>		~~		~		
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	PARAMETER	DATE	HCCPD	ALDRIN	SODRIN	DDE	DIELDRIN	ENDRIN	TO			MIBK	DBCP	DBCP	DIMP	DMDS	OXATHIANE	DITHIANE	CPMS	CPMS0	CPMS02	BENZENE	TOL UE NE	ETHYBENZ	M-XYLENE	O/P-XYLEN	MECL	1 IDCLE	T12DC	CHCL3	12DCLE	111TCE	CCL 4	IRCLE	112TCE	TCLEE	CLC6H5	BCHPD	ATRAZ I NE	MALATHION	PARATHION	SUPONA	DICHLORVS	CHLORDANE
	۵.		I	A		۵	Δ	ш	۵	<u>α</u>	Δ	Œ	Ω	Ω	۵	_	J	L	ں	Ų	J	ш	_	w	-	J	•			J				_			_		4	-		~,	_	_

ONPOST GC/MS UNKNOWN TENTATIVE IDENTIFICATION

RESULTS FOR NON-TARGET COMPOUNDS AT STATION 01012

ESE SAMPLE * SEQUENCE NUMBER: T4CC

ID

LECTION DATE:

1 06/25/86 12:50

LECTION TIME:

USATHAMA TEST NAME	ESE STORET	CONC.	IDENTIFICATION
UNK055	91055	28.7	THF
UNK532	91532	7.41	1,1,2,2-TETRACHLOROETHANE
UNK591	91591	6.43	ALKANE
UNK594	91594	30.0	2,6,10,14-TETRAETHYLPENTADECANE N-HEPTADECANE
UNK600	91600	11.4	2,6,10,14-TETRAETHYLHEXADECANE
UNK605	91605	14.4	N-NONADECANE
UNK608	91608	5.42	UNK
UNK617	91617	11.3	ALKENE
UNK632	91632	14.7	DIHEPTYLPHTHALATE
UNK635	91635	28.1	A PHTHALATE
UNK640	91640	27.3	A PHTHALATE
UNK643	91643	77.5	A PHTHALATE
UNK650	91650	19.6	A PHTHALATE
UNK651	91651	7.83	A PHTHALATE
UNK655	91655	39.9	A PHTHALATE
UNK671	91671	12.6	A PHTHALATE

RESULTS FOR NON-TARGET COMPOUNDS AT STATION 01014

SE SAMPLE * SEQUENCE NUMBER:

T4CC

ID .

CTION DATE:

2 2 7 / 01 / 86

OLLECTION TIME:

07/01/86 08:36

INK123 91123 1720 INK127 91127 723	
JNK127 91127 723	
24422	
JNK129 91129 773	
INK144 91144 9640	
INK147 91147 3780	
NK514 91514 7700 CnH10, POSSIBLY 3-METHYL-1,3,3	_
JNK515 91515 3630 TOLUENE	
JNK522 91522 2400 XYLENE, POSSIBLY 1,4-CYCLO-OCTADIENE	
JNK526 91526 2680 ETHYLBENZENE	
JNK527 91527 9000 XYLENE	
JNK529 91529 3820 BICYCLO COMPOUND	
JNK530 91530 7000 XYLENE	
INK531 91531 1750 BICYCLO COMPOUND	
INK532 91532 1720 ISOMER OF UNK531	
01536 050 IINK	
JNK536 91536 930 ONK JNK538 91538 790 POSSIBLY METHYL ETHYL BENZENE JNK539 91539 17200 BICYCLO COMPOUND JNK540 91540 1450 BICYCLO COMPOUND	
JNK539 91539 17200 BICYCLO COMPOUND	
JNK540 91540 1450 BICYCLO COMPOUND	
541 91541 2710 UNK	
91543 1550 POSSIBLY BICYCLODIHYDRO- PENTADIENE	
JNK548 91548 46600 ISOMER OF UNK543	
OLEAO OLEO PICVCIO COMPOUND	
JNK553 91553 61000 c11h10	
JNK555 91555 30400 BICYCLO COMPOUND	•
1NK556 91556 39200 UNK, C12h16	
JNK558 91558 28500 ISOMER OF UNK556	
1NK559 91559 5050 UNK	
JNK560 91560 3470 NAPTHALENE, ALICYCLIC COMPOUN	כ
JNK561 91561 7000 NAPTHALENE, ALICYCLIC COMPOUN	7
JNK562 91562 15200 NAPTHALENE, ALICYCLIC COMPOUN)
UNK563 91563 6150 BICYCLO COMPOUND, UNK	
UNK564 91564 3680 ALICYCLIC COMPOUND, UNK	
UNK565 91565 5170 ALICYCLIC COMPOUND, UNK	
UNK566 91566 1270 UNK	
UNK567 91567 1550 UNK	
UNK569 91569 4800 UNK	
UNK570 91570 6050 METHYL NAPTHALENE	
UNK574 91574 1070 UNK, ALICYCLIC COMPOUND	
UNK575 91575 8100 UNK, BICYCLIC COMPOUND	
UNK576 91576 3640 UNK, ALICYCLIC COMPOUND	

RESULTS FOR NON-TARGET COMPOUNDS AT STATION 01014

ESE SAMPLE * SEQUENCE NUMBER: T4CC

ID

2 07/01/86

ECTION	DATE:	07/01/86
COMECTION	TIME:	08:36

JSATHAMA TEST NAME	ESE STORET	CONC.	IDENTIFICATION
JNK577	91577	775	UNK, ALICYCLIC COMPOUND
JNK579	91579		UNK, ALICYCLIC COMPOUND
JNK583	91583	13900	UNK, ALICYCLIC COMPOUND
JNK584	91584	8050	UNK
JNK585	91585	2890	UNK, ALICYCLIC COMPOUND
J NK587	91587	34300	UNK, BICYCLIC COMPOUND
JNK588	91588	7230	UNK, ALICYCLIC COMPOUND
JNK590	91590	16300	UNK, ALICYCLIC COMPOUND
JNK591	91591	890	UNK, ALICYCLIC COMPOUND
JNK593	91593	4220	UNK, ALICYCLIC COMPOUND
JNK597	91597	1590	UNK, ALICYCLIC COMPOUND
JNK602	91602	770	UNK, ALICYCLIC COMPOUND
JNK612	91612	1290	UNK, ALICYCLIC COMPOUND
JNK615	91615		UNK
JNK617	91617		UNK .
JNK619	91619		UNK, ALICYCLIC COMPOUND
JNK621	91621		UNK
JNK623	91623		UNK
JNK624	91624		UNK
NK626	91626		UNK
527	91627		UNK
72	91672		UNK
Nr. 94	91694	3550	UNK

ESE SAMPLE * SEQUENCE NUMBER:

T4CC 3 ID

ECTION DATE: ECTION TIME:

06/25/86 10:30

USATHAMA TEST NAME	ESE STORET	CONC.	IDENTIFICATION
UNK048	91048	13.0	1,2-DICHLOROETHENE
UNK079	91048 91079	6.80	NO MATCH
UNK087	91087	6.80 33.4	1,2-DICHLOROPROPENE
UNK193	91193	144	DICHLOROBENZENE
UNK524	91524		
UNK532	01533	E 00	
UNK543	91543 91545 91558	11.1	DICHLOROBENZENE
UNK545	91545	39.0	DICHLOROBENZENE
UNK558	91558	8.13	SULFUR COMPOUND, POSSIBLY 1,3- DITHIOLANE
UNK566	91566	28.7	UNK
UNK572	91572	8.66	UNK
UNK574	91572 91574	99.5	UNK
UNK578	91578	30.6	UNK
UNK580	91580	10.4	N-METHYL LUTIDON (c8h11n0)
UNK581	91581	14.8	UNK
UNK582	91582	13.4	ALKANE, UNK
UNK584	91582 91584	540	UNK
UNK588	91588	19.4	N-HEXADECANE
JNK591	91591	22.6	UNK
J```594	91594		N-HEPTADECANE, ALKANE
J. 00	91600	11.5	ALKANE
JN 04	91600 91604	37.2	UNK
JNK605	91605	19.9	N-NONADECANE
JNK608	91608	51.0	UNK
JNK609	91609	139	UNK
JNK610	91610	15.7	N-EICOSANE, UNK
JNK616	91616	100	UNK
JNK617	91617	6.34	ALIPHATIC HYDROCARBON
JNK619	91619	13.9	UNK
JNK620	91620	7.23	UNK
JNK629	91629		UNK
JNK632	91632	6.43	A PHTHALATE
JNK635	91635	12.1	A PHTHALATE
JNK640	91640	6 30	A PHTHALATE
JNK643	91643	22.9	A PHTHALATE
JNK650	91650	6.91	A PHTHALATE A PHTHALATE
INK655		12.0	A PHTHALATE

ESE SAMPLE * SEQUENCE NUMBER: T4CC

ID -

ECTION DATE: ECTION TIME:

06/24/86

09:06

USATHAMA TEST NAME	ESE STORET	CONC.	IDENTIFICATION
UNK122	91122	4.22	NO MATCH
UNK122 UNK517 UNK573 UNK575 UNK578 UNK579 UNK582 UNK585 UNK586 UNK586 UNK587 UNK588	91517	19.8	CYCLOPENTANONE
UNK573	91573	29.9	DECANOIC ACID TETRADECANE ALIPHATIC HYDROCARBON
UNK575	91575	29.0	TETRADECANE
UNK578	91578	16.1	ALIPHATIC HYDROCARBON
UNK579	91579	20.8	ALIPHATIC HYDROCARBON
UNK582	91582	210	PENTADECANE
UNK585	91585	102	ALIPHATIC HYDROCARBON
UNK586	91586	125	ALIPHATIC HYDROCARBON
UNK587	91587	19.5	ALIPHATIC HYDROCARBON
UNK588	91588	706	HEXADECANE
UNK591	91591	398	HEXADECANE ALIPHATIC HYDROCARBON
OMAGDE	21322	22.2	ABII HAIIC HIDROCARDON
UNK594	91594	1250	ALIPHATIC HYDROCARBON,
			HEPTADECANE
UNK596	91596	164	ALIPHATIC HYDROCARBON
UNK597	91597	107	ALIPHATIC HYDROCARBON
UNK598	91598	125 1030	ALIPHATIC HYDROCARBON
UNK600			CARBON
0.7601	91601	25.7 176	ALIPHATIC HYDROCARBON
02		176	
JN 1603	91603	212	ALIPHATIC HYDROCARBON
UNK605	91605	731	NONADECANE, ALIPHATIC HYDRO- CARBON
UNK607	91607		ALIPHATIC HYDROCARBON
JNK608	91608		ALIPHATIC HYDROCARBON
JNK610	91610	335 126	N-EICOSANE
JNK612	91612	126	
	91613		
JNK614	91614	45.6	ALIPHATIC HYDROCARBON
JNK615	91615	111	N-HENEICOSANE
JNK617	91617	271	ALIPHATIC HYDROCARBON
JNK619	91619		ALIPHATIC HYDROCARBON
JNK620	91620	45.2	DOCOSANE
JNK621	91621	35.8	ALIPHATIC HYDROCARBON
JNK626	91626		ALIPHATIC HYDROCARBON
JNK627	91627	191	ALIPHATIC HYDROCARBON
JNK628	91628 91635	30.7	ALIPHATIC HYDROCARBON
JNK635 JNK642			PHTHALATE
MINO4Z	91642	23.3	UNK

ESE SAMPLE * SEQUENCE NUMBER: T4CC2

ID

LECTION DATE:

LECTION	TITME .
TECTION	TTHE.

09/17/86 11:16

USATHAMA TEST NAME	ESE STORET	CONC.	IDENTIFICATION
UNK642	91642	14.5	UNK
UNK671	91671	57.4	UNK
UNK693	91693	28.5	UNK

ESE SAMPLE * SEQUENCE NUMBER:

T4CC

ID

LECTION DATE: LECTION TIME:

5 06/27/86 14:01

USATHAMA TEST NAME	ESE STORET	CONC.	IDENTIFICATION
UNK037	91037	27.6	2 PROPANONE
UNK042	91042	9.90	2 PROPANONE 2 PROPANONE
UNK044	91044	40.0	2 PROPANONE
UNK079	91079	4.10	CHLOROFORM
UNK152	91152	6.50	N METHYLMETHAMINE
JNK559	91559	6.82	
UNK563	91563	35.6	HEXANOIC ACID, OCTANOIC ACID UNK DECANOIC ACID UNK UNK N-PENTADECANE ALKENE OR ALCOHOL DODECANOIC ACID N-HEXADECANE
UNK573	91573	28.3	DECANOIC ACID
JNK576	91576	30.7	UNK
JNK580	91580	9.53	UNK
JNK582	91582	27.2	N-PENTADECANE
JNK585	91585	12.3	ALKENE OR ALCOHOL
JNK587	91587	287	DODECANOIC ACID
JNK588	91588	96.4	N-HEXADECANE
JNK589	91589	9.32	ALKENE OR ALCOHOL ALIPHATIC HYDROCARBON,
JNK591	91591	45.0	ALIPHATIC HYDROCARBON,
			2,6,10-TRIMETHYLPENTADECANE
JNK592	91592	20.2	
JNK593	91593	45.6	UNK, ALIPHATIC HYDROCARBON
JNK594	91594	152	N-HEPTADECANE
595	91595	52.1	2,6,10,14-TETRAMETHYLPENTADECANE
	91597		
JN 98	91598	61.4	TETRADECANOIC ACID
	91600		
JNK601	91601	55.1	2,6,10,14-TETRAMETHYLHEXADECANE
JNK602	91602		
INK603	91603		
NK604	91604		
NK605	91605	64.7	ALKENE OR ALCOHOL, HYDROCARBON
NK606	91606		
NK609	91609		
NK611	91611	76.3	N-EICOSANE
NK614 NK615	91614	26.9	ALKENE OR ALCOHOL
NK616	91615	33.7	ALKENE OR ALCOHOL
NK617			N-HENEICOSANE
NK618	91617	0.0	NOT FOUND
NK620	91618 91620	466	ALCOHOL OR ALKENE
NK632	91632	9.68	ALIPHATIC HYDROCARBON
NK635	91635	16.9	ALIPHATIC HYDROCARBON
NK642	91642	14.9	BIS(2-ETHYLHEXYL)PHTHALATE
	21042	14.5	UNK

ESE SAMPLE * SEQUENCE NUMBER:

T4CC2

ID

LECTION DATE:

09/05/86 13:57

LECTION TIME:

USATHAMA TEST NAME	ESE STORET	CONC.	IDENTIFICATION
UNK059	91059	19.8	1 PROPAMINE 1,1,2-TRICHLOROETHANE 1,1,2,2-TETRACHLOROETHANE CAPROLACTAM
UNK515	91515	7.34	
UNK531	91531	10.6	
UNK565	91565	219	

ESE SAMPLE * SEQUENCE NUMBER: T4CC ID

LECTION DATE:

06/25/86

ECTION TIME:

09:02

USATHAMA TEST NAME	ESE STORET	CONC.	IDENTIFICATION
UNK515	91515	9.64	1,1,2-TRICHLOROETHANE 1,1,2,2-TETRACHLOROETHANE
UNK532	91532	17.6	
UNK551	91551	6.89	UNK
UNK594	91594	11.3	N-HEPTADECANE
UNK600	91600	37.9	N-HEXADECANE, ALKANE
UNK605	91605	8.45	N-NONADECANE
UNK608	91608	6.76	HEXADECANOIC ACID
UNK617	91617	14.8	OCTADECANOIC ACID
UNK632	91632	6.69	A PHTHALATE
UNK635	91635	12.1	A PHTHALATE
UNK640	91640	7.01	A PHTHALATE
UNK650	91650	9.97	A PHTHALATE
UNK655	91655	19.5	A PHTHALATE
UNK671	91671	5.60	A PHTHALATE

ESE SAMPLE * SEQUENCE NUMBER: T4CC2

ID

LECTION DATE: LECTION TIME:

09/05/86

15:00

USATHAMA TEST NAME ESE STORET CONC.

IDENTIFICATION

UNK565

91565

73.9

CAPROLACTAM

ESE SAMPLE * SEQUENCE NUMBER: T4CC

ID

LECTION DATE: LECTION TIME:

7

06/23/86 11:26

USATHAMA TEST NAME	ESE STORET	CONC.	IDENTIFICATION
UNK532	91532	7.83	1,1,2,2-TETRACHLOROETHANE
UNK585	91585	7.56	UNK
UNK617	91617	10.1	UNK
UNK632	91632	5.88	PHTHALATE
UNK635	91635	10.8	PHTHALATE
UNK640	91640	5.85	PHTHALATE
UNK642	91642	35.5	UNK
UNK650	91650	6.95	PHTHALATE
UNK655	91655	11.2	PHTHALATE
UNK660	91660	67.4	UNK
UNK661	91661	56.2	UNK
UNK671	91671	6.49	PHTHALATE

ESE SAMPLE * SEQUENCE NUMBER:

T4CC

ID

LECTION DATE: LECTION TIME:

06/23/86 15:55

USATHAMA TEST NAME	ESE STORET	CONC.	IDENTIFICATION
UNK562	91562	7.88	UNK
UNK576	91576	7.31	UNK
UNK586	91586	9.11	DODECANOIC ACID
UNK608	91608	8.47	HEXADECANOIC ACID
UNK617	91617	7.81	ALCOHOL OR UNSATURATED FATTY
			ACIDS
UNK619	91619	15.8	BUTYL HEXADECANOATE
UNK628	91628	10.2	ISOBUTYL OCTADECANOATE
UNK631	91631	6.81	PHTHALATE
UNK632	91632	19.9	PHTHALATE
UNK633	91633		
UNK635	91635	36.2	PHTHALATE
UNK637	91637	6.94	ALIPHATIC HYDROCARBON
UNK640	91640	35.5	
UNK641	91641	35.3	UNK
UNK642	91642	173	UNK
UNK643	91643	56.2	PHTHALATE
UNK644	91644	16.9	UNK
UNK645	91645	35.1	UNK
UNK646	91646	14.7	ALIPHATIC HYDROCARBON
K648	91648	6.63	PHTHALATE
50	91650	32.9	PHTHALATE
UNR651	91651	13.6	PHTHALATE
UNK652	91652	8.72	
UNK655	91655	57.8	PHTHALATE
UNK671	91671	19.8	PHTHALATE
			•

ESE SAMPLE * SEQUENCE NUMBER:

T4CC

ID

ECTION DATE: ECTION TIME:

06/24/86 10:05

USATHAMA TEST NAME	ESE STORET	CONC.	IDENTIFICATION
UNK565	91565	165	CAPROLACTAM
UNK608	91608	7.02	UNK
UNK618	91618	7.93	UNK
UNK621	91621	80.1	UNK
UNK627	91627	17.0	UNK, OCTADECANAMIDE
UNK628	91628	21.5	OCTADECANAMIDE
UNK637	91637	29.4	UNK
UNK642	91642	425	UNK
UNK647	91647	10.7	UNK
UNK655	91655	11.4	OCTANOIC ACID,
			1,2,3-PROPANETRYL
UNK657	91657	33.4	UNK
UNK674	91674	1650	UNK

ESE SAMPLE * SEQUENCE NUMBER: T4CC

ID .

ECTION DATE: ECTION TIME:

10

06/11/86

CECTION TIME:		11:50	
JSATHAMA TEST NAME	ESE STORET	CONC.	IDENTIFICATION
JNK515	91515	7.59	1,1,2-TRICHLOROETHANE
JNK532	91532	14.4	1,1,2,2-TETRACHLOROETHANE
JNK575	91575	27.7	1,1,2,2-TETRACHLOROETHANE N-TETRADECANE
JNK576	91576	7.49	UNK C15 ALKENE C15 ALKENE
JNK578	91578	11.5	C15 ALKENE
JNK579	91579	15.6	C15 ALKENE
JNK582	91582	113	N-PENTADECANE
JNK585	91585	24.6	C16 ALKENE
NK586	91586	51.0	C16 ALKENE, C17 ALKENE
INK588	91588		
JNK591	91591	154	C17, C18 ALKENE
JNK592	91592	38.3	C17 ALKENE
INK594	91594	672	N-HEPTADECANE, 2,6,10,14-TETRA-
			METHYLPENTADECANE
NK596	91596		
NK597	91597	51.7	C18 ALKENE
NK598	91598		C18 ALKENE
NK599	91599	BK	
NK600	91600	517	N-OCTADECANE, C19 ALKENE,
			2,6,10,14-TETRAMETHYLHEXADECANE
3-102	91602	39.5	C19 ALKENE
3	91603	73.4	C19 ALKENE
м 5	91605	303	N-NONADECANE
NK608	91608	13.7	C20 ALKENE
NK610	91610	109	N-EICOSANE
NK612		11.7	
NK614	91614		
NK615	91615		
NK617	91617	12.6	C22 ALKENE
NK620	91620	13.2	N-DOCONANE
NK621	91621		
NK642	91642	112	UNK

ESE SAMPLE * SEQUENCE NUMBER: T4WC

ID

1 06/04/86

ECTION		06/04/86
LECTION	TIME:	13:47

USATHAMA TEST NAME	ESE STORET CONC.	IDENTIFICATION
UNK567	91567 *OK15.9	NO MATCH
UNK581	91581 *OK10.5	NO MATCH
UNK582	91582 *OK28.6	NO MATCH
UNK586	91586 *OK8.32	METHYL TRICYCLO(3,2,1,0,2,7)OCT-3-ENE-5-CARBOXYLATE

ESE SAMPLE * SEQUENCE NUMBER: T4WC

ID

LECTION DATE:

LECTION TIME:

06/04/86 14:13

ESE SAMPLE * SEQUENCE NUMBER:

T4WC2

ID

5

08/26/86 08:04

LECTION DATE: LECTION TIME:

USATHAMA TEST NAME	ESE STORET	CONC.	IDENTIFICATION
UNK532	91532	16.0	1,1,2,2-TETRACHLOROETHANE CAPROLACTAM UNK UNK UNK UNK UNK
UNK564	91564	740	
UNK622	91622	9.71	
UNK642	91642	871	
UNK672	91672	6040	
UNK695	91695	4160	

ESE SAMPLE * SEQUENCE NUMBER:

T4WC2

ID

LECTION DATE: LECTION TIME:

08/25/86 10:18

USATHAMA TEST NAME	ESE STORET	CONC.	IDENTIFICATION
UNK531	91531	6.44	1,1,2,2-TETRACHLOROETHANE CAPROLACTAM PHTHALATE UNK UNK UNK
UNK565	91565	1120	
UNK636	91636	7.45	
UNK642	91642	47.4	
UNK671	91671	304	
UNK693	91693	223	

ESE SAMPLE * SEQUENCE NUMBER:

T4WC2

ID

UNK

UNK693

LECTION DATE: LECTION TIME:

08/26/86 11:59

USATHAMA TEST NAME	ESE STORET	CONC.	IDENTIFICATION	
UNK565	91565	668	CAPROLACTAM	
UNK642	91642	31.9	UNK	
UNK671	91671	207	UNK	

91693 132

ESE SAMPLE * SEQUENCE NUMBER: T4WC

ID

LECTION DATE:

06/04/86

LECTION TIME:

08:24

USATHAMA TEST NAME ESE STORET CONC. IDENTIFICATION

UNK518

91518 *OK16.8 CYCLOPENTANONE

ESE SAMPLE * SEQUENCE NUMBER:

T4WC

ID

ECTION DATE: ECTION TIME:

06/04/86 09:01

USATHAMA TEST NAME	ESE STORET CONC.	IDENTIFICATION
UNK565 UNK622	91565 *OK5.75 91622 *OK5.88	HEXAHYDRO-2H-AZEPIN-2-ONE NO MATCH
UNK642	91642 *OK51.9	NO MATCH

ESE SAMPLE * SEQUENCE NUMBER: T4BWC

ID

ECTION DATE:

06/04/86

ECTION TIME:

11:37

USATHAMA TEST NAME ESE STORET CONC. IDENTIFICATION

UNK642

91642 *OK11.1 NO MATCH

ESE SAMPLE * SEQUENCE NUMBER: T4BWC

ID

ECTION DATE:

05/29/86 11:26

LECTION TIME:

ESE SAMPLE * SEQUENCE NUMBER: T4WC

ID

LECTION DATE:

06/05/86

LECTION TIME:

11:05

ESE SAMPLE * SEQUENCE NUMBER: T4BWC

ID

LECTION DATE: LECTION TIME:

05/29/86

08:45

ESE SAMPLE * SEQUENCE NUMBER:

T4CC 11 ID

LECTION DATE: LECTION TIME:

06/12/86 09:37

USATHAMA TEST NAME			
UNK517	91517	14.6	CYCLOPENTANONE N-TRIDECANE N-TETRADECANE C14 OR C15 ALKENE C15 ALKENE N-PENTADECANE BIPHENYL-OL C16 ALKENE C16 ALKENE
UNK568	91568	7.64	N-TRIDECANE
UNK575	91575	38.2	N-TETRADECANE
UNK578	91578	16.5	C14 OR C15 ALKENE
UNK579	91579	19.6	C15 ALKENE
UNK582	91582	114	N-PENTADECANE
UNK583	91583	6.75	BIPHENYL-OL
UNK585	91585	37.6	C16 ALKENE
UNK586	91586	33.0	C16 ALKENE
UNK588	91588	342	N-HEXADECANE
UNK591	91591	131	C17 OR C18 ALKANE OR ALKENE,
			2 C 10 DDTMDDING DDMD DDC 3 1 P
UNK592	91592	16.9	C18 OR C17 ALKENE
UNK594	91594	532	N-HEPTADECANE, 2,6,10,14-TETRA-
			MEMILYI DENGAME
UNK596	91596	54.5	C18 ALKENE, ALKANE
UNK597	91597	46.9	C18 ALKENE
UNK598	91598	13.6	C18 ALKENE
UNK599	91599	382	N-OCTADECANE
NK600	91600	111	2,6,10,14-TETRAMETHYLHEXADECANE
302	91602	38.3	C19 OR C20 ALKENE
. 03	91603	77.0	C19 OR C20 ALKENE
UN605	91605	247	N-NONADECANE, C19 ALKENE
JNK607	91607	16.4	C20 OR C21 ALKENE
JNK608	91608	15.9	C20 ALKENE
UNK610	91610	129	N-EICOSANE
UNK612	91612	13.0	C20 OR C21 ALKENE
JNK613	91613	6.84	C21 ALKENE
JNK614	91614	17.8	C21 ALKENE
	91615	38.5	N-HENEICOSANE
JNK617	91617	19.1	C21 ALKENE
JNK620	91620	15.9	C21 OR C22 ALKENE
JNK621	91621	20.8	C23 ALKENE
JNK642	91642	11.6	UNK

ESE SAMPLE * SEQUENCE NUMBER:

T4CC

ID

ECTION DATE:

12 6/12/86

06/12/86 07:28

JSATHAMA TEST NAME	ESE STORET	CONC.	IDENTIFICATION
UNK517		26.9	
INK545	91545	9.95	LIMONENE
INK552	91552	12.9	NONANAL
INK568	91568	19.4	N-TRIDECANE
INK573	91573	14.8	DECANOIC ACID, C15 ALKENE
INK575	91575	120	N-TETRADECANE
INK578	91578	51.2	C14 OR C15 ALKENE
INK579	91579	77.7	C15 OR C16 ALKENE
UNK580	91580	26.8	C16 ALKENE, ALKENE
IINK 582	91582	504	N-PENTADECANE
TIME 5 0 3	91583	27.1	BIPHENYL-OL
IINK585	91585	126	C16 OR C17 ALKENE, ALKENE
IINK586	91586	178	CIO UR CIT ALKENE
UNK587	91587	52.8	C17 ALKENE, ALKENE
UNK588	91588	1060	N-HEXADECANE
UNK589	91589	14.6	C17 ALKENE OR ALKENE
UNK591	01501	520	2 6 10-TRIMETHY DPENTADECANE.
			C17 OR C18 ALKENE
UNK592	91592	144	C18 ALKENE
UNK594	91594	144 1790	METHYLPENTADECANE
96	91596	175	ALIPHATIC HYDROCARBON
UNK597	91597	2.13	ALLERATIC RIDROCANDON
UNK598	91598	201	ALIPHATIC HIDROCARDON
UNK600	91600	1620	N-OCTADECANE, ALIPHATIC HYDROCARBON
UNK602	91602	132	ALIPHATIC HYDROCARBON '
UNK603	91603	266	ALIPHATIC HYDROCARBON
UNK604	91604	79.2	ALIPHATIC HYDROCARBON
UNK605	91605	749	ALIPHATIC HYDROCARBON,
			N-NONADECANE
UNK607	91607	43.7	ALIPHATIC HYDROCARBON
UNK608	91608	102	ALIPHATIC HYDROCARBON
UNK610	91610	358	N-EICOSANE
UNK612		47.7	ALIPHATIC HYDROCARBON
UNK613	91613	81.5	ALIPHATIC HYDROCARBON
UNK615	91615	103	N-HENEICOSANE
UNK617	91617	36.8	ALIPHATIC HYDROCARBON
UNK619	91619	34.3	N-DOCOSANE
UNK621	91621	37.6	ALIPHATIC HYDROCARBON
UNK632	91632	20.7	ALIPHATIC HYDROCARBON
UNK642	91642	110	UNK
OHROGZ	5.015		

SE SAMPLE * SEQUENCE NUMBER: T4CC2

ID

CTION DATE: ECTION TIME:

09/03/86

NK515 91515 26.6 1,1,2-TRICHLOROETHANE NK531 91531 39.1 1,1,2,2-TETRACHLOROETHANE NK565 91565 451 CAPROLACTAM NK642 91642 1340 UNK	SATHAMA TEST NAME	ESE STORET	CONC.	IDENTIFICATION
NK654 91654 1580 UNK NK672 91672 7400 UNK NK694 91694 6320 UNK	NK531 NK565 NK642 NK647 NK654	91531 91565 91642 91647 91654 91672	39.1 451 1340 12.4 1580 7400	1,1,2,2-TETRACHLOROETHANE CAPROLACTAM UNK UNK UNK UNK UNK

SE SAMPLE * SEQUENCE NUMBER:

T4CC2

ID

CCTION DATE:

09/03/86 08:05

JSATHAMA TEST NAME	ESE STORET	CONC.	IDENTIFICATION
JNK564 JNK642 JNK650 JNK654 JNK671	91564 91642 91650 91654 91671 91693	28.6 63.3 20.3 960 130 60.9	CAPROLACTAM UNK UNK UNK UNK UNK UNK

SE SAMPLE * SEQUENCE NUMBER: T4CC2

ID

ECTION DATE: ECTION TIME:

09/03/86

NK036 91036 13.0 NK049 91049 4.45 NK053 91053 4.80 NK123 91123 38.6 PROPANEDINITRYL NK144 91144 6.30 ISOMER OF DICYCLOPENTADIENE NK146 91146 8.30 ISOMER OF DICYCLOPENTADIENE NK158 91158 21.5 PROPAMIN ACID
NK049 91049 4.45 NK053 91053 4.80 NK123 91123 38.6 PROPANEDINITRYL NK144 91144 6.30 ISOMER OF DICYCLOPENTADIENE NK146 91146 8.30 ISOMER OF DICYCLOPENTADIENE
NK123 91123 38.6 PROPANEDINITRYL NK144 91144 6.30 ISOMER OF DICYCLOPENTADIENE NK146 91146 8.30 ISOMER OF DICYCLOPENTADIENE
NK123 91123 38.6 PROPANEDINITRYL NK144 91144 6.30 ISOMER OF DICYCLOPENTADIENE NK146 91146 8.30 ISOMER OF DICYCLOPENTADIENE
NK144 91144 6.30 ISOMER OF DICYCLOPENTADIENE NK146 91146 8.30 ISOMER OF DICYCLOPENTADIENE
NK146 91146 8.30 ISOMER OF DICYCLOPENTADIENE
WY 150 OI 150 OI 5 DDODAMIN ACTO
NK158 91158 21.5 PROPAMIN ACID
MY161 91161 310 "E"PRACYCLOHEPTANE, ISOBUTYLBENZENE
NK177 91177 8.40 HEXACHLOROBUTADIENE
NK518 91518 20.4 TETRACHLOROETHENE
NK551 91551 10.9 UNK
NK552 91552 10.7 UNK
NK553 91553 26.8 UNK
NYEEE 91555 119 UNK
NK558 91558 25.3 UNK NK561 91561 16.3 UNK NK562 91562 9.45 TETRACHLOROSTANNANE NK564 91564 11.8 UNK
NK561 91561 16.3 UNK
NK562 91562 9.45 TETRACHLOROSTANNANE
NK564 91564 11.8 UNK
NK566 91566 131 CYCLIC COMPOUND
NK570 91570 97.0 POSSIBLY ALPHA-METHYLBENZYLAMINE
91571 29.7 UNK
. 12 91572 11.1 UNK
NK374 91574 9.25 UNK
NK575 91575 9.33 UNK
NK577 91577 26.3 BICYCLO OR TRICYCLO COMPOUND
NK579 91579 1730 UNK
NK581 91581 115 BICYCLO OR TRICYCLO COMPOUND
NK584 91584 399 UNK
NK586 91586 1260 UNK
NK588 91588 620 UNK
NK591 91591 35.5 HEPTACHLOROBICYCLO[2,2,1]- HEPT-2-ENE
NK595 91595 95.8 UNK
NK605 91605 20.5 UNK
NK606 91606 55.5 UNK
NK609 91609 236 UNK
NK618 91618 19.5 UNK
NK621 91621 11.8 UNK
NK622 91622 69.0 UNK
NK625 91625 55.6 HEXACHLORO COMPOUND
NK632 91632 120 UNK
NK638 91638 56.0 UNK
NK642 91642 740 UNK
NK647 91647 94.2 UNK
NK654 91654 12.2 PHTHALATE
N¥656 91656 39.4 UNK
72 91672 4170 UNK
91695 4100 UNK

SE SAMPLE * SEQUENCE NUMBER:

T4CC2

ID

OCTADECANE

NONADECANE

ALKANE

UNK

UNK

UNK

ALKANE, ALKENE

CTION DATE:

NK600

INK601

INK605

NK611

NK642

NK671

NK694

16 09/04/86

91600

91601

91605

91611

91642

91671

91694

OLLECTION TIME:

15:15

	SATHAMA TEST NAME	ESE STORET	CONC.	IDENTIFICATION
	NK515 NK531 NK551 NK565 NK579 NK582 NK588 NK591	91515 91531 91551 91565 91579 91582 91588 91591	10.7 16.7 6.10 263 13.7 7.86 23.2 19.9	1,1,2-TRICHLOROETHANE 1,1,2,2-TETRACHLOROETHANE UNK CAPROLACTAM UNK UNK HEXADECANE ALKANE HEPTADECANE
	INK595 INK597	91595 91597	24.7 6.52	2,6,10,14-TETRAMETHYLPENTADECANE ALKENE
ı	ובכתתו	21321	0.52	11211111

29.2

18.0

27.3

10.9

660

2370

2150

SE SAMPLE * SEQUENCE NUMBER: T4CC2

ID

16 09/04/86

CTION	DATE:	09/04/86
OLLECTION	TIME:	15:15

SATHAMA TEST NAME	ESE STORET	CONC.	IDENTIFICATION
NK515	91515	10.7	1,1,2-TRICHLOROETHANE
NK531	91531	16.7	1,1,2,2-TETRACHLOROETHANE
INK551	91551	6.10	UNK
INK565	91565	263	CAPROLACTAM
NK579	91579	13.7	UNK
NK582	91582	7.86	UNK
NK588	91588	23.2	HEXADECANE
JNK591	91591	19.9	ALKANE
NK594	91594	50.2	HEPTADECANE
INK595	91595	24.7	2,6,10,14-TETRAMETHYLPENTADECANE
INK597	91597	6.52	ALKENE
INK600	91600	29.2	OCTADECANE
NK601	91601	18.0	ALKANE, ALKENE
INK605	91605	27.3	NONADECANE
JNK611	91611	10.9	ALKANE
NK642	91642	660	UNK
NK671	91671	2370	UNK
INK694	91694	2150	UNK

SE SAMPLE * SEQUENCE NUMBER: T4CC2

ID

ODJECTION TIME:				05/86 16:00
SATHAMA TI	EST NAME	ESE	STORET	CONC

SATHAMA TEST NAME	ESE STORET	CONC.	IDENTIFICATION
NK564 NK582 NK588 NK591 NK594 NK595	91564 91582 91588 91591 91594 91595	7.54 26.3 13.6 49.3 17.9	2,6,10,16-TETRAMETHYLPENTADECANE
NK598 NK600 NK601 NK605 NK609 NK611 NK622	91598 91600 91601 91605 91609 91611 91622	36.0 15.9 25.0 68.0	ALKENE N-OCTADECANE 2,6,10,14-TETRAMETHYLHEXADECANE N-NONADECANE UNK N-EICOSANE UNK
NK638 NK642 NK647 NK656 NK671 NK693	91638 91642 91647 91656 91671 91693	22.2	UNK UNK UNK UNK UNK UNK UNK

SE SAMPLE * SEQUENCE NUMBER:

T4CC2

ID

CORRESPONDING LOT-HIT-NOT FOUND

CTION DATE:

NK174

NK653

1.0 09/25/86

91653

ODDECTION TIME:

15:24

SATHAMA TEST NAME	ESE STORET CONC.	IDENTIFICATION	
NK055	91055 *OK9.70	THF	
NK089	91089 *BK0	NO MATCH	
NK129	91129 *BK0	NO MATCH	
NK174	91174 *BK0	NO MATCH	

331

ESE SAMPLE * SEQUENCE NUMBER: T4CC

13

ID

ECTION DATE:

06/26/86 08:47

COPPECATON LIME.		00.17		
USATHAMA TEST NAME	ESE STORET	CONC.	IDENTIFICATION	
UNK055	91055	31.7		
UNK064		156		
UNK515	91515	7.39	1,1,2-TRICHLOROETHANE	
UNK517	91517	15.2	CYCLOPENTANONE	
UNK532	91532	13.6	1,1,2,2-TETRACHLOROETHANE	
UNK551	91551	10.3	UNK	
UNK563	91563	15.7	UNK	
UNK575	91575	10.6	N-TETRADECANE	
UNK57.9	91579	46.4	DIMETHYL PHTHALATE, UNK	
UNK582	91582	44.4	N-PENTADECANE, UNK	
UNK586	91586	13.3	ALIPHATIC HYDROCARBON	
UNK587	91587	96.8	UNK	
UNK588	91588	46.1	N-HEXADECANE	
UNK591	91591	73.0	ALIPHATIC HYDROCARBON,	
			2,6,10-TRIMETHYLPENTADECANE	
			ALKENE OR ALCOHOL	
UNK592	91592	20.3	ALKANE, ALIPHATIC HYDROCARBON	
UNK594	91594	157	N-HEPTADECANE, 2,6,10,14-TETRA-	
			METHYLPENTADIENE	
UNK596	91596	15.5	ALIPHATIC HYDROCARBON	
597	91597	18.0	ALIPHATIC HYDROCARBON	
100	91600	134		
			METHYLHEXADECANE	
UNK602	91602			
UNK603	91603			
UNK604	91604	7.16		
UNK605	91605			
UNK607	91607		ALIPHATIC HYDROCARBON	
UNK608	91608	8.96	ALIPHATIC HYDROCARBON	
UNK610	91610	33.1	N-EICOSANE	
UNK615	91615	12.0	N-HEHEICOSANE ALKENE OR ALCOHOL ALIPHATIC HYDROCARBON	
UNK617	91617	15.3	ALKENE OR ALCOHOL	
UNK621	91621	7.17	ALIPHATIC HYDROCARBON	
UNK635	91635	22.0	A PHTHALATE, BIS(2-ETHYLHEXYL)-	
			PHTHALATE	

SE SAMPLE * SEQUENCE NUMBER: T4CC

15

ID

OLLECTION DATE:

06/12/86

15:00

SATHAMA TEST NAME	ESE STORET	CONC.	IDENTIFICATION
NK575	91575	11.3	N-TETRADECANE
NK578	91578	6.56	C14 ALKENE
NK579			C15 ALKENE
NK582	91582	47.5	N-PENTADECANE
NK585	91585	11.8	C16 ALKENE, ALKENE
NK586	91586	15.4	C16 ALKENE
NK588	91588		
NK591	91591	65.7	C17 ALKENE, 2,6,10-TRIMETHYL- PENTADECANE
NK592	91592	16.0	C17 ALKENE
NK594	91594	259	N-HEPTADECANE, 2,6,10,14-TETRA- METHYLPENTADECANE
NK596			C18 ALKENE
NK597	91597	20.1	C17 OR C18 ALKENE
NK598	91598	6.36	C18 ALKENE
NK600	91600	257	N-OCTADECANE, 2,6,10,14-TETRA- METHYLHEXADECANE
NK601	91601	BK	
NK602			C19 ALKENE
NK603	91603	30.8	C19 ALKENE
04	91604		C19 ALKENE
	91605		N-NONADECANE
NK610		55.8	N-EICOSANE
NK614	91614		C21 ALKENE
NK615	91615		N-HENEICOSANE
NK620			N-DOCOSANE
NK621	91621		C22 ALKENE
NK642	91642		UNK
NK664	91664	414	

ESE SAMPLE * SEQUENCE NUMBER: T4CC ID

16

ECTION DATE: 06/12/86 COLLECTION TIME: 09:42

JSATHAMA TEST NAME	ESE STORET	CONC.	IDENTIFICATION
JNK161	91161	24400	NO MATCH
JNK515	91515	6.52	1,1,2-TRICHLOROETHANE
JNK517	91517		
	91519		TETRACHLOROETHENE
JNK532	91532		
JNK536	91536		, , , ,
JNK540	91540	8.68	PHOSPHOROTHIDIC ACID,
31110 10	5.510	0.00	TRIMETHYL ESTER
JNK551	91551	24.4	UNK
JNK553	91553	41.9	UNK
JNK554	91554	19.7	UNK
JNK555	91555	106	UNK
JNK558		20.0	UNK
JNK559	91559	17.0	UNK
JNK560	91560	6.56	UNK .
JNK561	91561	20.6	UNK
JNK562	91562	33.2	
JNK563	91563		HEXACHLOROBUTADIENE
JNK566		28.7	UNK
JNK567	91566	32.3	UNK
147.568	91567	20.4	UNK
· ·	91568	16.7	8-OXATRICYCLO(2,2,2,0,2,6)- OCTAN-7-ONE (c17c18)
INK570	91570	129	UNK
INK572	91572	39.1	UNK
NK573	91573	30.1	UNK
JNK574	91574	9.21	TETRACHLOROBENZENE
NK575	91575	20.3	METHYLSULFOXYLBENZENE
NK577	91577	65.4	UNK
NK579	91579	250	UNK
NK580	91580	544	UNK
NK581	91581	38.1	UNK
NK582	91582	51.6	UNK
NK583	91583	102	2-(4-METHYL-2-FURYL)-2-CYCLO-
	2.000	1 0 22	PENTEN-/ONE, UNK
NK584	91584	83.8	UNK
NK587	91587	174	UNK
NK588	91588	85.8	N-HEXADECANE
NK589	91589	14.2	UNK
NK590	91590	11.7	UNK
NK591	91591	35.5	UNK, 2,6,10-TRIMETHYLPENTADECANE
NK592	91592	7.55	UNK
NK593	91593	8.40	UNK
NK594	91594	133	N-HEPTADECANE, 2,6,10,14-TETRA-
	21324	133	METHYLPENTADECANE
NK595	91595	23.2	UNK
NK596	91596	19.6	UNK
97	91597	7.56	UNK
8	91598	10.8	UNK
NK600	91600	14.7	2,6,10,14-TETRAMETHYLHEXADECANE
NK602	91602	31.7	UNK
NK605	91605	62.7	N-NONADECANE
	5.000	02.7	

	21626	45 0	*****
JNK606	91606	17.8	UNK
JNK608	91608	63.3	UNK, HEXADECANOIC ACID
JNK609	91609	10.3	DIHYDROXYLMETHYLBENZOATE
JNK610	91610	19.7	N-EICOSANE
UNK615	91615	7.90	N-HENEICOSANE
*****619	91619	6.51	N-DOCOSANE
0.20	91620	13.2	UNK
21	91621	8.46	UNK
JNK622	91622	8.36	CHLORINATED COMPOUND W/ 4CL
JNK623	91623	7.56	UNK
JNK625	91625	12.0	UNK
JNK631	91631	10.4	UNK
JNK633	91633	10.6	CHLORINATED COMPOUND (c14)
JNK635	91635	7.46	BIS(2-ETHYLHEXYL)PHTHALATE
JNK642	91642	14.1	UNK

ESE SAMPLE * SEQUENCE NUMBER:

T4CC2

ID

CCTION DATE: ECTION TIME:

12

09/02/86 09:57

		2011	TODAMTRICAMION
JSATHAMA TEST NAME	ESE STORET	CONC.	IDENTIFICATION
JNK044		6.40	2 PROPANIL
JNK053	91053		NO MATCH
JNK123	91123		ISOMER OF DICYCLOPENTADIENE
JNK144	91144	10.8	ISOMER OF DICYCLOPENTADIENE
JNK158	91158	54.7	ISOBUTYLBENZENE
JNK161	91161	699	ISOBUTYLBENZENE
JNK515	91515	17.2	1,1,2-TRICHLOROETHANE
JNK518	91518	46.2	TETRACHLOROETHENE
JNK531	91531	25.9	1,1,2,2-TETRACHLOROETHANE
JNK535	91535	21.2	UNK
JNK540	91540	50.4	UNK
JNK551	91551	36.3	UNK
JNK552	91552	20.4	UNK
JNK553	91553	48.7	UNK
JNK554	91554	32.2	UNK UNK
JNK555	91555	174 24.8	UNK
JNK558	91558 91562	19.1	HEXACHLOROBUTADIENE
JNK562	91566	1790	CAPROLACTAM
JNK566	91569	30.5	POSSILBY 8-OXATRICYCLO-
JNK569	91309	30.3	(2,2,2,0,2,6)OCTAN-2-ONE
0	91570	84.9	UNK
JNao71	91571	106	UNK
JNK572	91572	79.9	UNK
JNK572 JNK573	91573	24.0	ALIPHATIC CYCLIC COMPOUND
JNK573 JNK574	91574	24.6	UNK
JNK575	91575	32.7	UNK
JNK577	91577	126	UNK
JNK580	91580	1300	UNK
JNK581	91581	30.2	UNK
JNK582		64.9	UNK
JNK583		86.9	UNK
JNK584	91584	51.9	UNK
JNK587	91587	365	ALIPHATIC CYCLIC COMPOUND
JNK588	91588	38.3	UNK
JNK589	91589	22.7	UNK
JNK591	91591	19.0	HEPTACHLORO-BICYCLO-[2,2,1]- HEPT-2-ENE
JNK594	91594	20.9	UNK
JNK595	91595	17.8	UNK
JNK602	91602	75.5	UNK
JNK605	91605	37.7	UNK
JNK606	91606	52.0	UNK
JNK608	91608	121	UNK
JNK609	91609	17.4	UNK
JNK642	91642	255	UNK
771	91671	1080	UNK
93	91693	854	UNK

ESE SAMPLE * SEQUENCE NUMBER:

T4CC2

ID

ECTION DATE: ECTION TIME:

14

09/04/86 10:12

USATHAMA TEST NAME	ESE STORET	CONC.	IDENTIFICATION
UNK642	91642	186	UNK
UNK652	91652	110	UNK
UNK671	91671	680	UNK
UNK693	91693	413	UNK

ESE SAMPLE * SEQUENCE NUMBER:

T4CC2

ID

ECTION DATE:

COULON	TIME:
CECTION	7 7 1 1 5

15 09/04/86 14:07

JSATHAMA TEST NAME	ESE STORET	CONC.	IDENTIFICATION
JNK579	91579	5.88	DIMETHYL PHTHALATE
JNK587	91587	39.9	UNK

ESE SAMPLE * SEQUENCE NUMBER: T4CC ID

ندن	CALLED	02021102	110112211	
				17
	ECTION	DATE:		06/19/86
:	ECTION	TIME:		10:03

USATHAMA TEST NAME	ESE STORET	CONC.	IDENTIFICATION
UNK515	91515	8.38	1,1,2-TRICHLOROETHANE
UNK532	91532	14.2	1,1,2,2-TETRACHLOROETHANE
UNK562	91562	15.2	UNK
UNK563	91563	16.3	UNK
UNK576	91576	23.8	UNK
UNK582	91582	6.98	UNK
UNK588	91588	14.9	UNK
UNK591	91591	8.09	C17 OR C18 ALKANE
UNK594	91594	38.3	N-HEPTADECANE
UNK600	91600	12.7	2,6,10,14-TETRAMETHYLHEXADECANE
UNK605	91605	21.1	N-NONADECANE
UNK610	91610	11.7	N-HENEICOSANE
UNK628	91628	14.5	OCTADECANAMIDE, UNK
UNK642	91642	10.8	BIS(2-ETHYLHEXYL)PHTHALATE

ESE SAMPLE * SEQUENCE NUMBER:

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ID

ECTION DATE: ECTION TIME: 18

06/19/86 11:46

JSATHAMA TEST NAME	ESE STORET	CONC.	IDENTIFICATION
UNK129	91129	13.5	1,4 DITHIAN
JNK161	91161	7.60	NO MATCH
JNK517	91517	18.2	CYCLOPENTANONE
JNK532	91532	10.4	1,1,2,2-TETRACHLOROETHANE
JNK541	91541	7.18	UNK
JNK553	91553	10.3	UNK
JNK555	91555	16.6	UNK
JNK558	91558	8.24	POSSIBLY N-HEXYLACETAMIDE
JNK561	91561	19.2	N, N'-BIS(1-METHYLETHYL)UN
JNK563	91563	6.60	UNK
JNK566	91566	9.13	UNK
JNK569	91569	27.3	UNK
JNK570	91570	52.2	UNK
JNK572	91572	7.52	UNK
JNK574	91574	9.41	UNK
JNK575	91575	9.87	UNK
JNK576		17.6	UNK
JNK577	91577	11.3	UNK
JNK579	91579	6.58	UNK
INK580	91580	251	UNK
···、* 81	91581	7.26	UNK
32	91582	33.1	
1. 83	91583		POSSIBLY 2-(4-METHYL-2-FURYL)?
INK584	91584	18.2	UNK
NK586	91586	45.6	
NK587	91587		
NK588	91588		
'NK591	91591	32.5	ALKANE, 2,6,10-TRIMETHYL- PENTADECANE
NK594	91594	137	N-HEPTADECANE, 2,6,10,14-TETRA- METHYLPENTADECANE
'NK596	91596	15.5	
NK597	91597	13.4	
NK599	91599		N-OCTADECANE
'NK600	91600	23.7	2,6,10,14-TETRAMETHYLHEXADECANE
NK602	91602	36.2	UNK
NK603	91603	16.2	ALKENE
NK605	91605	72.4	N-NONADECANE, ALKANE OR ALKENE
NK608	91608	15.0	ALKENE
NK610	91610	32.0	N-EICOSANE
NK615	91615	11.7	N-HENEICOSANE
NK620	91620	7.65	UNK
NK621	91621	7.80	UNK

SSE SAMPLE * SEQUENCE NUMBER:

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ID

ECTION DATE: ECTION TIME:

20 06/19/86 14:22

JSATHAMA TEST NAME	ESE STORET	CONC.	IDENTIFICATION
JNK519	91519	21.0	TETRACHLOROETHENE UNK 1,2,3,4,5,7,7-HEPTACHLORNOR- BORNENE
JNK589	91589	33.7	
JNK591	91591	6.12	
JNK594	91594	9.79	2,6,10,14-TETRAMETHYLPENTADIENE
JNK600	91600	11.5	2,6,10,14-TETRAMETHYLHEXADIENE
JNK629	91629	26.2	POSSIBLY A BENZOTHIAZENE
JNK635	91635	6.90	BIS(2-ETHYLHEXYL)PHTHALATE

SE SAMPLE * SEQUENCE NUMBER:

T4CC

ID

ECTION DATE:

19

ECTION TIME:

06/19/86 12:41

SATHAMA TEST NAME	ESE STORET	CONC.	IDENTIFICATION
vK532			1,1,2,2-TETRACHLOROETHANE
1K575			N-TETRADECANE
1K579	91579	6.28	ALKANE
1K582	91582	48.6	N-PENTADECANE ALKENE
1K585	91585	33.6	ALKENE
IK586	91586	41.9	ALKANE, DODECANOIC ACID, ALKENE
IK588	91588		
K591	91591	74.0	ALKANE, 2,6,10-TRIMETHYL-
			PENTADECANE, ALKENE
IK592	91592	19.1	ALKANE, ALKENE
IK594	91594	267	ALKANE, N-HEPTADECANE,
			2,6,10,14-TETRAMETHYLPENTANONE
IK596	91596	30.1	
IK597	91597		
IK598	91598		
1K600	91600	228	N-OCTADECANE, 2,6,10,14-TETRA-
			METHYLHEXADECANE
IK602	91602	23.6	ALKANE OR ALKENE
IK603	91603	34.4	ALKENE
K605	91605	143	ALKANE, N-NONADECANE
*= 07	91607	9.65	ALKENE
1 8	91608		
0	91610	59.9	N-EICOSANE
IK614	91614		
IK615	91615	18.6	N-HENEICOSANE
IK617	91617	15.7	ALKENE OR ALCOHOL
IK619	91619	8.30	ALKENE
IK620	91620	7.31	DOCOSANE OR ALKENE
IK621			ALIPHATIC HYDROCARBON
1K635	91635		
1K642		35.6	

ESE SAMPLE * SEQUENCE NUMBER: T4CC2

ID

CTION DATE:

18

CTION TIME:

09/22/86

JSATHAMA TEST NAME	ESE STORET CONC.	IDENTIFICATION
JNK518	91518 32.1	TETRACHLOROETHANE
JNK589	91589 23.1	UNK
JNK629	91629 19.4	UNK

ESE SAMPLE * SEQUENCE NUMBER: T4CC2

ID

20 09/05/86

ECTION	DATE:	09/03/00
COECTION	TIME:	11:06

JSATHAMA TEST NAME	ESE STORET	CONC.	IDENTIFICATION
JNK568	91568	2350	CAPROLACTAM
JNK571	91571	21.9	UNK
JNK599	91599	21.5	UNK
JNK617	91617	19.3	
JNK618	91618	49.4	OCTADECANOIC ACID, UNK
JNK619	91619	14.7	
JNK620	91620	27.7	AN ALIPHATIC AMIDE, POSSIBLY
			HEXADECANAMIDE
JNK622	91622	81.6	UNK
JNK625	91625	6.91	UNK
JNK626	91626	7.32	UNK
JNK628	91628	305	AN ALIPHATIC AMIDE, LIKELY
3			OCTADECENAMIDE
JNK629	91629	53.8	OCTADECANAMIDE
JNK635	91635	15.0	PHTHALATE
JNK636	91636	12.5	PHTHALATE
JNK637	91637	15.1	UNK
JNK638	91638	57.4	UNK
JNK642	91642	676	UNK
JNK647	91647	21.9	UNK
~ ~ ~ 5 5 2	91652	230	UNK
. 6	91656	95.0	UNK
JN 2071	91671	3470	UNK
JNK694	91694	2550	UNK

ESE SAMPLE * SEQUENCE NUMBER:

T4CC

ID

ECTION DATE: ECTION TIME:

21

06/25/86 08:36

JSATHAMA TEST NAME	ESE STORET	CONC.	IDENTIFICATION
JNK517	91517	13.8	UNK
JNK551	91551	14.9	UNK
JNK608	91608	9.06	HEXADECANOIC ACID
JNK617	91617	7.69	OCTADECANOIC ACID
JNK619	91619	6.01	
JNK620	91620	6.75	UNK
JNK623	91623	6.01	UNK
JNK628	91628	20.0	AN AMIDE, OCTADECANAMIDE
JNK635	91635	19.6	BIS(2-ETHYLHEXYL)PHTHALATE
JNK636	91636	6.30	UNK
INK642	91642	26.6	UNK

SE SAMPLE * SEQUENCE NUMBER:

T4CC2

ID

ECTION DATE:

21

ECTION TIME:

09/19/86 08:54

SATHAMA TEST NAME	ESE STORET	CONC.	IDENTIFICATION
NK565 NK579 NK585 NK642 NK671	91565 91579 91585 91642 91671 91694	216 34.7 11.4 757 3760 3680	CAPROLACTAM UNK UNK UNK UNK UNK UNK

ESE SAMPLE * SEQUENCE NUMBER: T4CC2

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ID

ECTION DATE:

09/22/86 09:10

JSATHAMA TEST NAME	ESE STORET	CONC.	IDENTIFICATION
JNK055 JNK562 JNK565 JNK570 JNK579 JNK602 JNK609 JNK642 JNK641	91055 91562 91565 91570 91579 91602 91609 91642 91671 91693	53.5 8.04 375 28.5 26.9 7.28 7.37 18.9 61.9 35.4	THF N-N'-BIS(1-METHYLETHYL)UREA CAPROLACTAM UNK UNK UNK UNK UNK UNK UNK UNK

ESE SAMPLE * SEQUENCE NUMBER:

T4CC2 23

ID

ECTION DATE:

09/22/86

JSATHAMA TEST NAME	ESE STORET	CONC.	IDENTIFICATION
JNK055	91055	26.0	THF CAPROLACTAM UNK UNK UNK
JNK565	91565	221	
JNK642	91642	48.3	
JNK671	91671	113	
JNK693	91693	58.1	

ESE SAMPLE * SEQUENCE NUMBER: T4CC2

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ID

ECTION DATE:

09/23/86

08:45

JSATHAMA	TEST	NAME	ESE	STORET	CONC.	IDENTIFICATION

JNK055

91055

122

THF

ESE SAMPLE * SEQUENCE NUMBER: T4CC ID

ECTION DATE: 06/27/86
COLLECTION TIME: 10:28

USATHAMA TEST NAME	ESE STORET	CONC.	IDENTIFICATION
UNK020	91020	247	UNK
UNK044	91044	277	
UNK049	91049	28.3	
UNK055	91055	23.4	THF
UNK123	91123	34.8	1,3-CYCLOPENTADIENE
UNK129	91129		1,4-DITHIAM
UNK156	91156	28.2	NO MATCH
UNK161	91161	141	TETRACYCLOHEPTANE
UNK513	91513	15.3	PYRIDINE
UNK514	91514	60.7	N-PROPYLPROPANAMINE
UNK515	91515	921	TOLUENE
UNK517	91517	182	CYCLOPENTANONE
JNK522	91522	21.2	CYCLOPENTEN-/-ONE
UNK523	91523	453	4-HYDROXY-4-METHYL-2- PENTANONE
UNK530	91530	8680	DMMP
UNK536	91536	1720	UNK
UNK540	91540	1080	METHYL-2,4-PENTANEDIOL
UNK543	91543	18.5	UNK
UNK546	91546	195	3,3,5-TRIMETHYLCYCLOHEXANON
48	91548	501	POSSIBLY PHENOL
54	91554	377	POSSIBLY CHLOROMETHYL PHENOL
UNK555	91555	882	TRIETHYLPHOSPHATE
UNK560	91560	2280	UNK
UNK561	91561	101	UNK
UNK566	91566	564	UNK
UNK568	91568	2500	UNK .
UNK570	91570	398	CHLOROMETHYL PHENOL
UNK571	91571	48.4	
UNK574	91574	242	UNK
UNK575	91575	53.0	
UNK576	91576	195	
UNK578	91578		
UNK579	91579	24.8	UNK
UNK586	91586	2320	UNK
UNK587	91587	1160	UNK
UNK588	91588	1160	UNK
UNK590	91590	1160	UNK
UNK591	91591	41.1	HEPTACHLORONOLBORENE
UNK594	91594	22.5	N-HEPTADECANE
UNK595	91595	36.7	UNK
UNK597	91597	9.90	UNK
UNK598	91598	32.7	TETRADECANOIC ACID
UNK606	91606	2060	UNK
UNK611	91611	427	UNK
UNK614	91614	1090	MOLECULAR SULFUR (S8)
18	91618	567	ALCOHOL
19	91619	66.3	UNK
UNK621	91621	44.8	UNK
UNK627	91627	76.0	AN AMIDE
JNK629	91629	29.7	UNK

JNK634	91634	111	UNK
JNK635	91635	19.7	PHTHALATE
JNK637	91637	12.3	UNK
JNK642	91642	834	UNK
UNK646	91646	15.9	UNK
TIX654	91654	33.3	OCTANOIC ACID
56	91656	143	UNK
69	91669	26.7	UNK
INK672	91672	4450	UNK

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SE SAMPLE * SEQUENCE NUMBER:

T4CC2 ID

CCTION DATE: ECTION TIME:

25

09/23/86 07:10

NK035	SATHAMA TEST NAME	ESE STORET	CONC.	IDENTIFICATION
NK043	INK035			
NK175		91043		
NK175	NK162	91162		
NK514	NK175	91175		
NK523	INK514	91514		TOLUENE
NK528		91523	126	4-HYDROXY-4-METHYL-2-PENTANONE
NK533		91528		
NK5545		91533		
NK554		91545	126	
NK557	· ·	91554	304	TRIETHYL ESTER OF PHOSPHORIC ACID
NK561		91557	728	UNK
NK562		91561	916	
JNK564		91562	280	
JNK566 91566 344 BICYCLO COMPOUND, POSSIBLY CHLOROMETHYL PHENOL JNK578 91569 552 UNK JNK578 91578 165 UNK JNK582 91582 212 UNK JNK584 91584 492 UNK JNK586 91586 836 UNK, CYCLO COMPOUND JNK602 91587 944 UNK, CYCLO COMPOUND JNK605 91605 297 UNK JNK606 91605 297 UNK JNK608 91609 792 UNK JNK609 91609 792 UNK JNK614 91614 944 MOLECULAR SULFUR JNK615 91615 184 UNK JNK618 91618 339 UNK JNK619 91619 241 UNK JNK621 91621 351 UNK JNK622 91622 148 UNK JNK636 91642 440 UNK		91564	121	
CHLOROMETHYL PHENOL		91566	344	
JNK578				
NK576	JNK569 :	91569		
NK 584	JNK578	91578		
91586 836 UNK, CYCLO COMPOUND 37 91587 944 UNK, CYCLO COMPOUND 38602 91602 1460 SULFUR CONTAINING COMPOUND 38605 91605 297 UNK 38606 91606 680 UNK 38606 91608 748 UNK 38608 91609 792 UNK 38609 91609 792 UNK 38609 91614 944 MOLECULAR SULFUR 38605 91615 184 UNK 38609 91615 184 UNK 38614 91614 944 MOLECULAR SULFUR 38609 91615 184 UNK 38615 91615 184 UNK 38615 91615 184 UNK 38616 91618 339 UNK 38618 91618 339 UNK 38619 91619 241 UNK 38621 91621 351 UNK 38622 91622 148 UNK 386622 91622 148 UNK 386636 91636 656 PHTHALATE 386642 91642 440 UNK 386642 91671 1010 UNK	JNK582	91582		
STATE	INK584	91584		
100 1460 1460 SULFUR CONTAINING COMPOUND 100	36	91586	836	UNK, CYCLO COMPOUND
JNK605 91605 297 UNK JNK606 91606 680 UNK JNK608 91608 748 UNK JNK609 91609 792 UNK JNK614 91614 944 MOLECULAR SULFUR JNK615 91615 184 UNK JNK618 91618 339 UNK JNK619 91619 241 UNK JNK621 91621 351 UNK JNK622 91622 148 UNK JNK636 91636 656 PHTHALATE JNK642 91642 440 UNK JNK671 91671 1010 UNK	87	91587	944	UNK, CYCLO COMPOUND
JNK605 91605 297 UNK JNK606 91606 680 UNK JNK608 91608 748 UNK JNK609 91609 792 UNK JNK614 91614 944 MOLECULAR SULFUR JNK615 91615 184 UNK JNK618 91618 339 UNK JNK619 91619 241 UNK JNK621 91621 351 UNK JNK622 91622 148 UNK JNK636 91636 656 PHTHALATE JNK642 91642 440 UNK JNK671 91671 1010 UNK)NK602	91602	1460	SULFUR CONTAINING COMPOUND
JNK608 91608 748 UNK JNK609 91609 792 UNK JNK614 91614 944 MOLECULAR SULFUR JNK615 91615 184 UNK JNK618 91618 339 UNK JNK619 91619 241 UNK JNK621 91621 351 UNK JNK622 91622 148 UNK JNK622 91636 656 PHTHALATE JNK636 91636 656 PHTHALATE JNK642 91642 440 UNK JNK671 91671 1010 UNK		91605	297	UNK
JNK609 91609 792 UNK JNK614 91614 944 MOLECULAR SULFUR JNK615 91615 184 UNK JNK618 91618 339 UNK JNK619 91619 241 UNK JNK621 91621 351 UNK JNK622 91622 148 UNK JNK636 91636 656 PHTHALATE JNK642 91642 440 UNK JNK671 91671 1010 UNK	JNK606	91606		
JNK618 91618 339 UNK JNK619 91619 241 UNK JNK621 91621 351 UNK JNK622 91622 148 UNK JNK636 91636 656 PHTHALATE JNK642 91642 440 UNK JNK671 91671 1010 UNK	JNK608	91608	748	UNK
JNK618 91618 339 UNK JNK619 91619 241 UNK JNK621 91621 351 UNK JNK622 91622 148 UNK JNK636 91636 656 PHTHALATE JNK642 91642 440 UNK JNK671 91671 1010 UNK	JNK609		792	UNK
JNK618 91618 339 UNK JNK619 91619 241 UNK JNK621 91621 351 UNK JNK622 91622 148 UNK JNK636 91636 656 PHTHALATE JNK642 91642 440 UNK JNK671 91671 1010 UNK	JNK614		944	MOLECULAR SULFUR
JNK619 91619 241 UNK JNK621 91621 351 UNK JNK622 91622 148 UNK JNK636 91636 656 PHTHALATE JNK642 91642 440 UNK JNK671 91671 1010 UNK	JNK615			
JNK621 91621 351 UNK JNK622 91622 148 UNK JNK636 91636 656 PHTHALATE JNK642 91642 440 UNK JNK671 91671 1010 UNK	JNK618			
JNK622 91622 148 UNK JNK636 91636 656 PHTHALATE JNK642 91642 440 UNK JNK671 91671 1010 UNK	JNK619	_		
JNK636 91636 656 PHTHALATE JNK642 91642 440 UNK JNK671 91671 1010 UNK	JNK621			
JNK642 91642 440 UNK JNK671 91671 1010 UNK	JNK622			
JNK671 91671 1010 UNK	JNK636			
311(07)	JNK642			
JNK693 91693 560 UNK	JNK671			
	JNK693	91693	560	UNK

ESE SAMPLE * SEQUENCE NUMBER: T4CC

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ID

ECTION DATE: ECTION TIME:

06/25/86

09:25

USATHAMA TEST NAME	ESE STORET	CONC.	IDENTIFICATION
UNK041	91041	5.10	NO MATCH
UNK056	91056	12.6	THF
UNK080	91080	30.2	THIOPHENE
UNK129	91129	122	1,4-DITHIANE
UNK524	91524	10.6	CHLOROBENZENE
UNK551	91551	6.77	POSSIBLY BUTYLGLYCOLACETATE
UNK558	91558	15.6	POSSIBLY 1,3-DITHIOLANE-2-THION
JNK563	91563	24.9	UNK
JNK566	91566	344	CAPROLACTAM
JNK573	91573		3,5-DIMETHYL-1,2,4-TRITHIOLANE
JNK578	91578	11.1	UNK
JNK580	91580	13.7	A CHLOROHYDORCARBON
JNK608	91608	10.9	HEXADECANOIC ACID
JNK617	91617		
JNK635	91635	8.79	
UNK637	91637	11.1	UNK
UNK642	91642	265	UNK
JNK647	91647	10.5	UNK
JNK655	91655	6.33	UNK
UNK657	91657	12.3	UNK
54	91664	8.32	UNK
7.4	91674	1540	IINK

ESE SAMPLE * SEQUENCE NUMBER:

T4CC 24

ID

ECTION DATE: LECTION TIME:

06/26/86 09:52

USATHAMA TEST NAME	ESE STORET	CONC.	IDENTIFICATION
UNK551	91551	5.57	POSSIBLY BUTYLGLYCOLACETATE
JNK567	91567	1560	CAPROLACTAM
JNK627	91627	7.52	AN AMIDE
UNK635	91635	6.05	A PHTHALATE
JNK637	91637	46.0	UNK
JNK642	91642	960	UNK
JNK657	91657	58.7	UNK
JNK666	91666	19.8	UNK
JNK667	91667	25.2	UNK
JNK668	91668	43.9	UNK
JNK675	91675	4690	UNK

ESE SAMPLE * SEQUENCE NUMBER:

T4CC

ID

ECTION DATE:

25 06/23/86

COLLECTION TIME:	·	14:52	
JSATHAMA TEST NAME	ESE STORET	CONC.	IDENTIFICATION
JNK517 JNK530 JNK532 JNK538 JNK545 JNK546 JNK582 JNK586 JNK586	91517 91530 91532 91538 91545 91546 91582 91586 91588	6.37 6.54 8.55 10.1 6.37 7.27 23.3 17.6	CYCLOPENTANONE CYCLOHEXANONE 1,1,2,2-TETRACHLOROETHANE UNK ALIPHATIC HYDROCARBON ALIPHATIC HYDROCARBON N-PENTADECANE ALIPHATIC HYDROCARBON ALIPHATIC HYDROCARBON ALIPHATIC HYDROCARBON ALIPHATIC HYDROCARBON

MICOO	2,300	1 21 0	merimine medicomine,
•			N-HEXADECANE
JNK591	91591	73.6	ALIPHATIC HYDROCARBON
INK592	91592	18.1	ALIPHATIC HYDROCARBON
JNK594	91594	280	N-HEPTADECANE, ALIPHATIC
			HYDROCARBON
INK596	91596	37.2	ALIPHATIC HYDROCARBON

INK597	91597	23.7	ALIPHATIC HYDROCARBON
JNK598	91598	8.60	ALIPHATIC HYDROCARBON
INK600	91600	205	N-OCTADECANE, ALIPHATIC
			HYDROCARBON
NK601	91601	8.57	ALIPHATIC HYDROCARBON

02	91602	27.5	ALIPHATIC HYDROCARBON
03 N. 05	91603	53.0	ALIPHATIC HYDROCARBON
Nx605	91605	210	ALIPHATIC HYDROCARBON,
			N-NONADECANE
NK607	91607	19.5	ALIPHATIC HYDROCARBON

MVPAN	91608	28.1	ALIPHATIC HIDROCARBON
'NK610	91610	95.5	N-EICOSANE
NK612	91612	20.0	ALKENE OR ALCOHOL
NK614	91614	17.4	ALKENE OR ALCOHOL
NK615	91615	32.2	N-HENEICOSANE
NK621	91621	1080	ALKENE OR ALCOHOL, UNK
NK635	91635	14.6	PHTHALATE AND HYDROCARBON

1NK642	91642	38.8	UNK	
NK646	91646	152	UNK	
NK659	91659	104	UNK	
NK663	91663	410	UNK	

NK668	91668	52.8	CHOLEST-3-ENE (c27h46)
NK672	91672	14.6	UNK

ESE SAMPLE * SEQUENCE NUMBER:

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ECTION DATE: ECTION TIME:

26 06/23/86 13:57

USATHAMA TEST NAME	ESE STORET	CONC.	IDENTIFICATION
UNK056	91056	17.0	THF
UNK515	91515 91517	13.2	TOLUENE
UNK517	91517	9.85	CYCLOPENTANONE
IINK562	91562	15.2	UNK
TINTU 5 7 5	91575	29.5	TETRADECANE
HNK576	91576	22.5	ALKENE OR ALCOHOL OR ACID
IINK578			ALKENE OR ALCOHOL
IINK579			ALIPHATIC HYDROCARBON
UNK582	91582	130	PENTADECANE
IINK585	91585	53.0	ALIPHATIC HYDROCARBON
773777 F O C	01506	17 Q	ALTPHATIC HYDROCARBON
UNK588	91588	467	ALIPHATIC HYDROCARBON
UNK591	91591	128	ALIPHATIC HYDROCARBON
UNK592	91592	50.1	ALIPHATIC HYDROCARBON ALIPHATIC HYDROCARBON ALIPHATIC HYDROCARBON HEPTADECANE, ALIPHATIC
UNK594	91594	843	HEPTADECANE, ALIPHATIC
·			HIDROCARDON
UNK597	91597 91598	56.5	ALIPHATIC HYDROCARBON
UNK598	91598	64.0	ALIPHATIC HYDROCARBON
UNK600	91600	726	OCTADECANE, ALIPHATIC
			HYDROCARBON
	91602		
	91603		
	91605		
UNK607	91607	18.3	ALIPHATIC HYDROCARBON
UNK608	91608	31.2	ALIPHATIC HYDROCARBON EICOSANE ALKENE OR ALCOHOL ALIPHATIC HYDROCARBON HENEICOSANE ALIPHATIC HYDROCARBON
UNK610	91610	227	EICOSANE
UNK612	91612	27.1	ALKENE OR ALCOHOL
UNK614	91614	33.6	ALIPHATIC HYDROCARBON
UNK615	91615	80.6	HENEICOSANE
UNK617	91617	25.2	ALIPHATIC HYDROCARBON
UNK620	91620	35.6	DOCOSANE
UNK623	91623	27.6	ALKENE OR ALCOHOL
	91627		
	91642		
	91662		
UNK674	91674	45.1	UNK

ESE SAMPLE * SEQUENCE NUMBER:

T4CC

ID

LECTION DATE: LECTION TIME:

27 06/26/86 14:20

USATHAMA TEST NAME	ESE STORET	CONC.	IDENTIFICATION
UNK055	91055	5.60	NO MATCH
UNK553	91553	9.48	
UNK558	91558	28.8	1,3-DITHIOLANE-2-THIONE
UNK560	91560		UNK
UNK561		8.85	UNK
UNK566	91566		CAPROLACTAM
UNK573	91573	26.4	3,5-DIMETHYL-1,2,4-TRITHIOLANE
UNK574	91574		
UNK578	91578		
UNK581	91581		UNK
UNK582	91582		UNK
UNK585	91585		
UNK589	91589	7.10	UNK
UNK608	91608	9.49	HEXADECANOIC ACID
UNK617	91617	24.2	ALKENE OR ALCOHOL
UNK624	91624		
UNK632	91632	11.2	PHTHALATE
UNK635	91635	26.0	PHTHALATE, BIS(2-ETHYLHEXYL)- PHTHALATE
637	91637	47.2	UNK
640	91640		
UN-642	91642	245	UNK
UNK647	91647	14.1	UNK
UNK650	91650	8.71	PHTHALATE
UNK655		9.27	PHTHALATE
UNK657	91657	19.9	UNK '
UNK665	91665	972	UNK
UNK674	91674	1570	UNK
UNK685	91685	6.20	UNK

ESE SAMPLE * SEQUENCE NUMBER:

T4CC

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ECTION DATE:

28

ECTION TIME:

06/24/86 13:55

JSATHAMA TEST NAME	ESE STORET	CONC.	IDENTIFICATION
 JNK055	91055	167	THF
JNK517	91517	12.2	CYCLOPENTANONE
JNK518	91518	10.7	HEXANOL
JNK547	91547	14.7	UNK
JNK558	91558	9.66	1.3-DITHIOLANE-2-THIONE
JNK563	91563	56.0	UNK
JNK572	91572	104	UNK
JNK577	91577	92.9	UNK
JNK582	91582	74.6	PENTADECANE
JNK586	91586	38.0	ALIPHATIC HYDROCARBON,
			DODECANOIC ACID
JNK588	91588	368	HEXADECANE
JNK591	91591	132	ALIPHATIC HYDROCARBON
JNK592	91592	35.8	ALIPHATIC HYDROCARBON
JNK594	91594	563	ALIPHATIC HYDROCARBON HEPTADECANE
JNK596	91596	58.5	ALIPHATIC HYDROCARBON
JNK597	91597	36.2	ALIPHATIC HYDROCARBON
JNK598	91598	113	ALIPHATIC HYDROCARBON,
,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,			TETRADECANOIC ACID
JNK600	91600	581	OCTADECANE, ALIPHATIC HYDRO-
			CARBON
02	91602	59.7	ALIPHATIC HYDROCARBON
JNR603	91603	115	ALIPHATIC HYDROCARBON
JNK605	91605	369	ALIPHATIC HYDROCARBON,
3111000			NONADECANE
JNK608	91608	358	ALKENE OR ALCOHOL
JNK610	91610		
JNK612	91612	16.8	ALKENE OR ALCOHOL
JNK614	91614	81.5	ALKENE OR ALCOHOL
JNK615	91615		
JNK618	91618	1430	ALKENE OR ALCOHOL
JNK619	91619	97.1	OCTADECANOIC ACID, ALKENE
JNK620	91620		
JNK628	91628	18.8	ALKENE OR ALCOHOL
JNK632	91632	35.3	PHTHALATE
JNK635	91635	64.7	PHTHALATE
JNK640	91640	57.5	PHTHALATE
JNK641	91641	12.9	ALKENE
JNK642	91642	117	UNK
UNK643	91643	55.8	PHTHALATE
UNK650	91650	28.6	PHTHALATE
UNK651	91651	10.1	PHTHALATE
UNK655	91655	69.9	PHTHALATE
UNK671	91671	9.67	OIL, C15 TO C30

ESE SAMPLE * SEQUENCE NUMBER:

T4CC

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ECTION DATE:

29 06/26/86

12:58

JNK056 91056 7.43 THF JNK129 91129 124 1,4-DITHIANE JNK517 91517 8.90 CYCLOPENTANONE JNK558 91558 7.32 POSSIBLY 1,3-DITHIOLANE— THIONE JNK563 91563 25.2 UNK JNK573 91573 9.57 3,5-DIMETHYL—1,2,4-TRITH JNK574 91574 12.5 UNK JNK575 91575 16.8 N—TETRADECANE JNK578 91578 10.0 ALKENE OR ALCOHOL JNK579 91579 13.7 ALKANE JNK582 91582 82.4 N—PENTADECANE, UNK JNK585 91585 45.2 ALIPHATIC HYDROCARBON, ALKENE OR ALCOHOL JNK586 91586 31.8 ALKANE, ALKENE JNK587 91587 15.0 ALKENE JNK588 91588 275 ALKANE JNK588 91588 275 ALKANE JNK591 91591 119 ALKANE, 2,6,10-TRIMETHYL PENTADECANE, ALKENE	
JNK517 91517 8.90 CYCLOPENTANONE JNK558 91558 7.32 POSSIBLY 1,3-DITHIOLANE-THIONE JNK563 91563 25.2 UNK JNK573 91573 9.57 3,5-DIMETHYL-1,2,4-TRITH JNK574 91574 12.5 UNK JNK575 91575 16.8 N-TETRADECANE JNK578 91578 10.0 ALKENE OR ALCOHOL JNK579 91579 13.7 ALKANE JNK582 91582 82.4 N-PENTADECANE, UNK JNK585 91585 45.2 ALIPHATIC HYDROCARBON, ALKENE OR ALCOHOL JNK586 91586 31.8 ALKANE, ALKENE JNK587 91587 15.0 ALKENE JNK588 91588 275 ALKANE JNK591 91591 119 ALKANE, 2,6,10-TRIMETHYL PENTADECANE, ALKENE JNK592 91592 27.0 ALIPHATIC HYDROCARBON	
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JNK587 91587 15.0 ALKENE JNK588 91588 275 ALKANE JNK591 91591 119 ALKANE, 2,6,10-TRIMETHYL PENTADECANE, ALKENE JNK592 91592 27.0 ALIPHATIC HYDROCARBON	
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594 91594 412 N-HEPTADECANE, 2,6,10-TE	_ ג סידי
91594 91594 412 N-HEPTADECANE, 2,6,10-TE METHYLPENTANONE	IWW-
NN 96 91596 43.4 ALKANE OR ALKENE	
NK597 91597 37.0 ALKENE	
NK598 91598 9.22 ALKENE NK600 91600 297 N-OCTADECANE, 2,6,10,14-	TETRA –
METHYLHEXADECANOIC ACID	1
NK602 91602 19.9 ALKANE	
NK603 91603 57.9 ALKENE OR ALCOHOL	
NK605 91605 208 ALKANE	
NK608 91608 14.8 ALKENE OR ALCOHOL	
NK610 91610 85.3 ALKENE	
NK614 91614 18.0 ALKENE	
NK614 91614 18.0 ALKENE NK615 91615 28.3 ALKENE NK621 91621 17.8 ALKENE	
INK621 91621 17.8 ALKENE	
NK627 91627 9.27 ALKENE OR ALCOHOL	
NK628 91628 13.0 ALKENE OR ALCOHOL	
NK642 91642 33.5 UNK	
NK663 91663 314 UNK	

"SE SAMPLE * SEQUENCE NUMBER: T4CC2 26

ID

09/29/86 10:20 ECTION DATE: ECTION TIME:

USATHAMA TEST NAME ES	SE STORET CONC.	IDENTIFICATION
UNK089 UNK129 UNK174 UNK563 UNK573 UNK574 UNK582	91055 *BK0 91089 *OK5.50 91129 *OK6.40 91174 *BK0 91563 14.2 91573 7.13 91574 11.0 91582 7.27 91642 16.9	UNK CYCLOPENTANONE NO MATCH UNK UNK SULFER CONTAINING COMPOUND POSSIBLY METHOXY BENZALDEHYDE UNK UNK

SE SAMPLE * SEQUENCE NUMBER:

T4CC

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ECTION DATE: ECTION TIME: 30

06/24/86

USATHAMA TEST NAME	ESE STORET	CONC.	IDENTIFICATION
UNK055	91055	2180	THF
UNK059	91059	8.30	THF
INK129	91129	30.5	NO MATCH
UNK563	91563	17.3	UNK
UNK573	91573	7.22	3,5-DIMETHYL-1,2,4-TRITHIOLANE
UNK574	91574	15.9	UNK
UNK582	91582	7.08	UNK
UNK608	91608	644	MOLECULAR SULFUR (S8)
UNK617	91617	7.40	UNSATURATED ACID
UNK626	91626	12.2	UNK
UNK627	91627	6.35	UNK
UNK630	91630	25.7	BENZAMINE, 4-(METHYL-SULFOXYL)-
			2,6-DINITRO-N,N-DIPROPYL-
			PHTHALATE
UNK632	91632		PHTHALATE
UNK635	91635	31.5	PHTHALATE, BIS(2-ETHYLHEXYL)-
			PHTHALATE
UNK637	91637	14.0	UNK
UNK639	91639		UNK
оык640	91640		PHTHALATE
542		73.9	UNK
43	91643		
UNK650	91650		
UNK651	91651		
UNK655	91655		
UNK671	91671	11.0	PHTHALATE

"SE SAMPLE * SEQUENCE NUMBER:

T4CC

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ECTION DATE:

31 06/27/86

ECTION TIME:

09:06

IDENTIFICATION USATHAMA TEST NAME ESE STORET CONC. NOT FOUND 91162 567 UNK162 366 TOLUENE 91515 UNK515 TETRACHLOROETHENE 351 91519 **IINK519** POSSILBY 4-HYDROXY-4-METHYL-154 91523 **IINK523** 2-PENTANONE 53.9 XYLENE **UNK527** 91527 91528 318 DMMP **UNK528** 46.4 XYLENE 91530 UNK530 UNK 91535 56.7 **IINK535** 91536 32.2 UNK UNK536 TRICYCLO[2,2,1.02,6]-HEPTAN-3-OL 91539 84.2 **INK539** TRIMETHYL ESTER OF PHOSPHORO-29.5 91540 UNK540 THIOIC ACID UNK 91541 41.8 UNK541 UNK 22.5 91544 **UNK544** 91548 168 UNK **UNK548** 125 UNK 91551 UNK551 54.3 UNK UNK552 91552 114 UNK 91553 UNK553 91554 57.7 UNK TMY 554 178 UNK 91555 555 91558 117 UNK 58 40.9 UNK 91559 JM 59 HEXACHLOROBUTADIENE 74.9 91562 UNK562 POSSIBLY N.N'-BIS(1-METHYL-91563 27.3 UNK563 ETHYL)-UREA 106 CAPROLACTAM UNK565 91565 CPMS ISOMER UNK568 91568 26.5 91570 43.1 UNK **UNK570** 75.8 UNK 91571 UNK571 24.0 UNK 91572 UNK572 172 UNK UNK573 91573 27.0 METHYLSULFOXYLBENZENE UNK575 91575 2,3-DICHLORO-2-METHYLBENZYL **UNK576** 91576 44.6 ALCOHOL 74.2 UNK 91577 **UNK577** 91579 434 UNK UNK579 204 UNK 91580 UNK580 54.8 UNK UNK584 91584 91589 38.6 UNK UNK589 37.2 HEPTACHLOROBICYCLOHEPT-2-ENE UNK591 91591 63.2 UNK 91602 UNK602 34.5 UNK 91605 UNK605 35.3 UNK 91606 UNK606 114 UNK UNK608 91608 91609 26.8 UNK 7609 96.8 UNK 542 91642 257 UNK 72 91672

113

UNK

91694

JNK694

SE SAMPLE * SEQUENCE NUMBER: T4CC2 ID

27

ECTION DATE: 09/19/86 ECTION TIME: 12:07

JSATHAMA TEST NAME	ESE STORET	CONC.	IDENTIFICATION
JNK514	91514	173	TOLUENE
JNK518	91518	215	TETRACHLOROETHANE
JNK523	91523	215 59.9	4-HYDROXY-4-METHYL-2-PENTANONE
JNK526	91526	25.7	XYLENE
JNK528	91528	148	DMMP
JNK529	91529	28.0	XYLENE
JNK535	91535	23.4	POSSIBLY A BICYCLIC COMPOUND
JNK539	91539	35.9	POSSIBLY TRICYCLO[2,2,102,6]- HEPTAN-3-OL (c7h10o)
JNK540	91540	34.9	UNK
JNK547		86.4	UNK
JNK551		48.9	UNK
JNK552	91552	37.5	UNK
JNK553	91553	78.7	UNK
JNK554	91554	24.4	UNK
JNK555		94.1	UNK
JNK557	91557	37.8	UNK
JNK558	91558	49.3	UNK
JNK562	91562	92.2	HEXACHLOROBUTADIENE
MW563	91563	25.0	UNK
65	91565	142	CAPROLACTAM
69	91569		UNK
JN370	91570		UNK
JNK571	91571		UNK
JNK573		110	UNK
JNK577	91577		UNK
JNK579	91579		UNK
JNK580	91580		UNK
JNK582		21.6	UNK
JNK584	91584		UNK
JNK587	91587		UNK
JNK589	91589		UNK
JNK591		78.4	1,2,3,4,5,7,7-HEPTACHLORO-
	3.33.	, 0 - 1	BICYCLO[2,2,1]HEPT-2-ENE
JNK596	91596	29.9	TETRACHLORINATED COMPOUND
JNK602	91602	27.3	UNK
JNK606	91606	88.3	UNK
NK608	91608	76.6	UNK
JNK609	91609	30.1	POSSIBLY METHYLESTER OF
	31003	5001	DIHYDROXYBENZOIC ACID
JNK610	91610	28.7	UNK
JNK614	91614	203	MOLECULAR SULFUR (S8)
JNK621	91621	27.4	UNK
NK642	91642	119	ONK
JNK653	91653	724	UNK
NY 570	91670	188	UNK
32	91692	155	UNK
	- 1	. 5 5	V4144

SSE SAMPLE * SEQUENCE NUMBER:

T4CC 32

ID

ECTION	DATE:	06/24/86
LECTION	TIME:	08:52

USATHAMA TEST NAME	ESE STORET	CONC.	IDENTIFICATION
UNK055	91055	126	THF
UNK129	91129	5.33	NO MATCH
UNK532	91532	7.04	1,1,2,2-TETRACHLOROETHANE
UNK631	91631	13.0	PHTHALATE
UNK632	91632	42.6	PHTHALATE
UNK635	91635	112	BIS(2-ETHYLHEXYL)PHTHALATE,
			PHTHALATE
UNK637	91637	19.8	PHTHALATE
UNK638	91638	11.5	PHTHALATE
UNK640	91640	92.6	PHTHALATE
UNK642	91642	42.5	UNĶ
UNK643	91643	249	PHTHALATE
UNK646	91646	17.2	PHTHALATE
UNK647	91647	8.79	PHTHALATE
UNK648	91648	12.4	PHTHALATE
UNK650	91650	72.9	PHTHALATE
UNK651	91651	29.2	PHTHALATE
UNK655	91655	149	PHTHALATE
UNK663	91663	16.2	PHTHALATE
UNK664	91664	18.1	PHTHALATE
<u> </u>	91671	44.5	PHTHALATE

ESE SAMPLE * SEQUENCE NUMBER:

T4CC2

ID

ECTION DATE:

28

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E.E.	CTT	ON	TIME	:

09/24/86 07:48

USATHAMA TEST NAME	ESE STORET	CONC.	IDENTIFICATION	
UNK037 UNK055 UNK566 UNK618 UNK622 UNK637 UNK638 UNK642 UNK642	91037 91055 91566 91618 91622 91637 91638 91642 91672 91694	12.5 172 408 21.5 229 6.84 97.3 892 4770 3830	NO MATCH THF * *	

FSE SAMPLE * SEQUENCE NUMBER:

T4CC2

ID

ECTION DATE: ECTION TIME:

29

09/26/86 08:22

USATHAMA TEST NAME	ESE STORET	CONC.	IDENTIFICATION
UNK582 UNK585	91582 91585	11.9	*
UNK627 UNK642	91627 91642	7.63 6.89	*
UNK651	91651	907	

ESE SAMPLE * SEQUENCE NUMBER:

T4CC

ID

ECTION DATE:

33 06/19/86

LECTION TIME:

09:15

USATHAMA TEST NAME	ESE STORET	CONC.	IDENTIFICATION
UNK055	91055	334	THF
UNK064	91064	75.4	NO MATCH
UNK517	91517	17.2	CYCLOPENTANONE
UNK532	91532	10.8	1,1,2,2-TETRACHLOROETHANE
UNK558	91558	7.58	SULFUR COMPOUND
UNK562	91562	14.1	UNK
UNK573	91573	6.60	UNK
UNK576	91576	18.6	UNK
UNK582	91582	17.1	UNK
UNK585	91585	38.2	UNK
UNK588	91588	10.0	POSSIBLY TETRADECANOL
UNK591	91591	10.1	2,6,10-TRIMETHYLPENTADECANE
UNK594	91594	35.2	2,6,10,14-TETRAMETHYLPENTA-
		-	DECANE, HEPTADECANE
UNK600	91600	16.1	2,6,10,14-TETRAMETHYLHEXADECANE
UNK605	91605	16.4	NONADECANE
UNK627	91627	22.4	UNK
UNK642	91642	7.62	UNK

ESE SAMPLE * SEQUENCE NUMBER:

T4CC2

ID

ECTION DATE: ECTION TIME:

30

09/19/86 08:52

USATHAMA TEST NAME	ESE STORET	CONC.	IDENTIFICATION
UNK565	91565	362	CAPROLACTAM
UNK642	91642	585	UNK
UNK671	91671	2050	UNK
UNK693	91693	1390	UNK

ESE SAMPLE * SEQUENCE NUMBER:

T4CC

ID

ECTION DATE:

34 06/12/86

10:52

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ECTION	TIME:	1	0

JSATHAMA TEST NAME	ESE STORET	CONC.	IDENTIFICATION
JNK517	91517	71.4	DEHYDROPYRAN
JNK532	91532	67.1	1,1,2,2-TETRACHLOROETHANE
JNK585	91585	156	UNK
JNK591	91591	85.0	2,6,10-TRIMETHYLPENTADECANE
JNK594	91594	219	2,6,10,14-TETRAMETHYLPENTA-DECANE
JNK600	91600	187	2,6,10,14-TETRAMETHYLHEXA- DECANE
JNK604	91604	81.2	C19 ALKANE OR ALKENE
JNK614	91614	52.8	C21 ALKENE
JNK627	91627	114	POSSIBLY CHLORINATED COMPOUND (5 cl)
JNK650	91650	358	UNK
JNK664	91664	81.9	UNK

ESE SAMPLE * SEQUENCE NUMBER:

T4CC

ID

ECTION DATE:

35

ECTION TIME:

06/19/86 14:35

USATHAMA TEST NAME	ESE STORET	CONC.	IDENTIFICATION
UNK037	91037	4.80	NO MATCH
UNK056	91056	18.0	THF
UNK517	91517	5.38	CYCLOPENTANONE
UNK586	91586	6.48	DODECANOIC ACID
UNK598	91598	11.2	TETRADECANOIC ACID
UNK608	91608	15.5	HEXADECANOIC ACID
UNK617	91617	98.6	OCTADECANOIC ACID
UNK627	91627	50.1	OCTADECENAMIDE
UNK628	91628	19.8	OCTADECANAMIDE
UNK642	91642	251	UNK
UNK644	91644	13.0	UNK
UNK645	91645	36.8	UNK
UNK656	91656	6.78	UNK
UNK657	91657	67.9	UNK
UNK675	91675	105	UNK

ESE SAMPLE * SEQUENCE NUMBER:

T4WC2

ID

ECTION DATE:

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CTION	TIME:

08/28/86 13:53

USATHAMA TEST NAME	ESE STORET	CONC.	IDENTIFICATION
UNK534 UNK582 UNK591 UNK594 UNK595 UNK600	91534 91582 91591 91594 91595 91600	8.63 7.09 7.49 30.8 13.0 28.3 9.67	2-CYCLOHEXEN-1-ONE ALIPHATIC HYDROCARBON ALIPHATIC HYDROCARBON N-HEPTADECANE ALIPHATIC HYDROCARBON N-OCTADECANE 2,6,10,14-TETRAMETHYLHEXA-
UNK605 UNK611 UNK636	91605 91611 91636	21.5 10.9 25.4	DECANE N-NONADECANE N-EICOSANE BIS(2-ETHYLHEXYL)PHTHALATE

ESE SAMPLE * SEQUENCE NUMBER:

T4WC2

ID

ECTION DATE: LECTION TIME:

3

09/04/86 09:40

USATHAMA '	TEST	NAME	ESE STORET	CONC.	IDENTIFICATION
UNK632 UNK633 UNK653			91632 91633 91653	9.17 8.62 419	UNK UNK UNK

ESE SAMPLE * SEQUENCE NUMBER:

T4CC

ID

ECTION DATE:

36

ECTION TIME:

06/11/86 16:18

JSATHAMA TEST NAME	ESE STORET	CONC.	IDENTIFICATION
JNK080	91080	27.4	THIOPHENE
JNK129	91129	133	1,4-DITHIANE
JNK524			CHLOROBENZENE
JNK540	91540	31.1	1,3-DITHIOLANE
JNK541	91541	8.65	UNK
JNK558	91558	9.03	SULFUR COMPOUND
JNK563	91563	63.8	UNK
JNK573	91573	50.1	3,5-DIMETHYL-1,2,4-TRITHIOLANE
INK575	91575	17.7	N-TETRADECANE
JNK578	91578	20.9	UNK
JNK579	91579	13.5	C15 ALKANE
NK582	91582	90.0	N-PENTADECANE
JNK585	91585	9.88	C16 ALKANE
NK586	91586	17.5	C16 ALKENE
NK587	91587	19.6	C16 ALKENE OR ALKYNE N-HEXADECANE 2,6,10-TRIMETHYLPENTADECANE C17 ALKENE N-HEPTADECANE
NK588	91588	265	N-HEXADECANE
NK591	91591	89.0	2,6,10-TRIMETHYLPENTADECANE
INK592	91592	14.2	C17 ALKENE
NK594	91594	437	N-HEPTADECANE
NK596	91596	33.1	C18 ALKANE
9 7			C18 ALKENE
	91598		
N 00	91600	452	
			METHYLHEXADECANE
NK602	91602		
NK603	91603		
NK605	91605		
NK608	91608		
NK610	91610		
NK614	91614		
NK615	91615	25.9	N-HENEICOSANE
NK617	91617	12.1	C22 ALKENE
NK620	91620	11.5	N-DOCOSANE, C22 ALKENE
NK642	91642	90.7	UNK
NK649	91649	240	UNK

ESE SAMPLE * SEQUENCE NUMBER: T4CC2

ID

32 09/05/86 30

PECLION	DAIE.	09/05/8
LECTION	TIME:	12:3

USATHAMA TEST NAME	ESE STORET	CONC.	IDENTIFICATION
UNK515 UNK531 UNK564 UNK638 UNK642 UNK653 UNK671 UNK693	91515 91531 91564 91638 91642 91653 91671 91693	15.7 22.8 302 6.71 298 431 1480 928	1,1,2-TRICHLOROETHANE 1,1,2,2-TETRACHLOROETHANE CAPROLACTAM UNK UNK UNK UNK UNK UNK

ESE SAMPLE * SEQUENCE NUMBER:

T4CC

ID

ECTION DATE: ECTION TIME:

37

06/12/86 14:21

USATHAMA TEST NAME			
UNK037	91037		
UNK048	91048	10.8	1,2-DICHLOROETHANE
UNK055	91055	2.80	TETRAHYDROFURAN
			N-TETRADECANE
UNK579	91579	6.32	C15 ALKANE
UNK582	91582	20.3	N-PENTADECANE
UNK583	91583	8.59	BIPHENYL-OL
UNK585	91585	7.08	C16 ALKENE
UNK586	91586	5.92	C16 ALKENE
UNK587	91587	7.24	C16 ALKENE
UNK588	91583 91585 91586 91587 91588 91591	24.0	N-HEXADECANE
UNK591	91591	46.1	C17 ALKANE, 2, 6, 10-TRIMETHYL-
			PENTADECANE
UNK594	91594	120	N-HEPTADECANE, 2,6,10,14-TETRA-
			METHYLPENTADECANE
UNK596	91596	19.0	C18 ALKANE C17 OR C18 ALKENE
UNK597	91597	15.5	C17 OR C18 ALKENE
UNK599	21333	93.0	N-OCIADECANE
UNK600	91600	46.4	2,6,10,14-TETRAMETHYLHEXA-
			DECANE
7775601	91601	5.80	C19 ALKENE
. 02	91602	16.4	C19 ALKENE
Uh. 603	91603	17.2	C18 , C19 ALKENE
UNK604	91604	16.2	C17 ALKENE
UNK605	91605	60.8	N-NONADECANE
UNK610	91610	34.1	N-EICOSANE
UNK614			C20 OR C21 ALKENE
	91615		
	91616		
	91617		
	91621		
	91642		
	91649		UNK
UNK670	91670	368	UNK

ESE SAMPLE * SEQUENCE NUMBER:

T4CC2

ID

ECTION DATE: ECTION TIME:

33

09/05/86 13:31

USATHAMA TEST NAME	ESE STORET	CONC.	IDENTIFICATION
UNK057	91057	116	THF
UNK589	91589	601	HEXADECANE
UNK652	91652	65.7	UNK

ESE SAMPLE * SEQUENCE NUMBER:

T4CC

ID

ECTION DATE:

38 06/25/86

COLLECTION TIME: 12:01

USATHAMA TEST NAME	ESE STORET	CONC.	IDENTIFICATION
UNK036	91036	5.20	NO MATCH
UNK064	91064	22.4	FREON
UNK123	91123	7.20	NO MATCH
UNK532	91532	10.4	1,1,2,2-TETRACHLOROETHANE
UNK557	91557	7.88	UNK
UNK560	91560	6.93	UNK
UNK562	91562	6.35	UNK
UNK565	91565	7.28	UNK
UNK567	91567	13.1	UNK
UNK570	91570	44.4	POSSIBLY ALPHA-METHYLBENZYL-
			AMINE
UNK571	91571	6.76	UNK
UNK575	91575	9.48	POSSIBLY N, N-DIMETHYLBENZYL-
			AMINE
UNK576	• . • . •	6.76	UNK
UNK583	91583		UNK
UNK585	91585		UNK
UNK592	91592		UNK
UNK593	91593	13.1	UNK
UNK608	91608	6.02	HEXADECANOIC ACID
517	91617	13.1	OCTADECENOIC ACID
28	91628		OCTADECANAMIDE
UNK635	91635	6.05	BIS(2-ETHYLHEXYL)PHTHALATE
UNK642	91642	60.3	UNK
UNK645	91645	7.32	UNK
UNK660	91660	90.2	UNK
UNK674	91674	29.9	UNK

ESE SAMPLE * SEQUENCE NUMBER:

T4CC2

ID

ECTION DATE: ECTION TIME:

34

09/08/86

JSATHAMA TEST NAME	ESE STORET	CONC.	IDENTIFICATION
JNK564	91564	44.7	CAPROLACTAM UNK UNK UNK
JNK642	91642	64.2	
JNK671	91671	122	
JNK693	91693	51.3	

ESE SAMPLE * SEQUENCE NUMBER: T4CC

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ECTION DATE:

39 06/30/86

ECTION TIME:

09:48

USATHAMA TEST NAME	ESE STORET	CONC.	IDENTIFICATION
UNK519	91519	14.3	TETRACHLOROETHANE
UNK524	91524	8.46 9.62	CHLOROBENZENE
UNK525	91525	9.62	HEPTANONE
UNK541	91541	19.2	UNK
UNK553	91553	7.95	POSSIBLY 2,4-IMIDAZOLIDINE-
			DIONE
UNK555	91555	12.0	UNK
UNK558			1,3-DITHIOLANE-2-THIONE
UNK560	91558 91560	6.63	UNK
UNK564	91564	1200	CAPROLACTAM
UNK566	91566	20.6	UNK
UNK568	91568	21.9	UNK
UNK570	91570	10.5	UNK
UNK572	91572	15.3	N, N-DIBUTYLACETAMIDE
UNK573	91573	89.8	UNK
UNK574	91574	19.5	UNK
UNK575	91575	17.2	METHYLSULFOXYLBENZENE
UNK578	91578	89.1	SULFUR COMPOUND
UNK579	91579	63.1	METHYLSULFOXYLBENZENE SULFUR COMPOUND ISOPROPYLBENZYALDEHYDE
UNK580	91580	43.6	UNK
581	91581	7.59	UNK
82	91582	68.5 9.73	UNK
UN383	91583	9.73	UNK
UNK585		207	UNK
UNK586	91586	36.7	UNK
UNK589	91589	99.8	PROPANOIC ACID, 2-METHYL-1-
			BUTYL-2-ONE
UNK594	91594	8.90	UNK
UNK595	91595		UNK
UNK596	91596	8.03	UNK
UNK597	91597		UNK
UNK603	91603	6.38	UNK BUTYLHEXADECANOATE
UNK620	91620	7.25	BUTYLHEXADECANOATE
UNK627	91627	6.67	UNK
UNK628	91628	7.67	
UNK635	91635	23.1	BIS(2-ETHYLHEXYL)PHTHALATE
UNK642	01510	200	UNK
UNK672	91672	103	UNK
UNK694	91694	103 54.3	UNK

ESE SAMPLE * SEQUENCE NUMBER:

T4CC2

ID

ECTION DATE: LECTION TIME:

36

09/08/86 11:17

JSATHAMA TEST NAME	ESE STORET	CONC.	IDENTIFICATION
UNK055	91055 *0)K21.8	THF
UNK541	91541	6.70	UNK
UNK564	91564	400	UNK
UNK565	91565	89.0	CAPROLACTAM
UNK573	91573	34.7	UNK
JNK578	91578	45.2	UNK
UNK580	91580	18.8	UNK
UNK581	91581	7.46	UNK
UNK582	91582	27.8	UNK
UNK585	91585	60.5	UNK
JNK642	91642	104	UNK
JNK672	91672	712	UNK
UNK693	91693	482	UNK

ESE SAMPLE * SEQUENCE NUMBER:

T4CC

ID

ECTION DATE:

40

06/23/86 14:09 LECTION TIME:

USATHAMA TEST NAME			
UNK122	91122	1680	3 METHYLHEXANE METHYLETHYL BENZENE DICHLOROBENZENE HEXANONE HEXANOL TOLUENE TETRACHLOROETHANE
UNK161	91161	547	METHYLETHYL BENZENE
UNK193	91193	55400	DICHLOROBENZENE
UNK513	91513	2740	HEXANONE
UNK514	91514	44.8	HEXANOL
UNK515	91515	348	TOLUENE
UNK519	91519	90.2	TETRACHLOROETHANE
UNK525	91525	7900	CHLOROBENZENE XYLENE
UNK527	91527	488	XVI.ENE
	01500	1000	VIVI DALD
UNK528	91320	35 0	2 2 2 MDICUIODORMUNNOI
UNK529	91529	33.9	Z,Z,Z-IKICHLOKOEIHANOE
UNK530	91530	802	XILENE TOODDODYL DENGEND
UNK534	91534	108	ISOPROPYLBENZENE
UNK535	91535	35.5	1,1-BIS(METHYLTHIO)ETHANE
UNK537	91537	26.9	PROPYLBENZENE
UNK538	91538	41.6	ETHYL, METHYL BENZENE
			2,2,2-TRICHLOROETHANOL XYLENE ISOPROPYLBENZENE 1,1-BIS(METHYLTHIO)ETHANE PROPYLBENZENE ETHYL,METHYL BENZENE TRIMETHYLBENZENE, POSSIBLY DIMETHYLHEPTANONE
UNK540	91540	25.3	POSSIBLY METHYLTHIO-1-BUTANONE
UNK544	91544	3030	DICHLOROBENZENE
×347	91547	2620	DICHLOROBENZENE
49	91549	142	AACETOPHENONE, UNK
UNX554	91554	20.5	UNK
	91555		
UNK559	91559	249	TRICHLOROBENZENE, NAPTHALENE
UNK562	91559 91562	85.3	TRICHLOROBENZENE, HEXACHLORO- BUTADIENE
UNK563	91563	12.2	
	91565	37: 1	CAPROLACTAM
	91570		
	91572 91573	105	
UNK573	91373	103	TETRACHLOROBENZENE
UNK574	91574	17 1	DIDIENVI EMIED
UNK576	91576	1 / • 4	DIPHENYL ETHER
UNK580	91580	14.1	UNK
UNK581	91581	114	HEXACHLOROBICYCLO[2,2,1]
	0.4.5.0.0	24 0	HEPTA-2-ONE
UNK588	91588	31.9	HEXADECANE
UNK589	91589	173	UNK
UNK591	91591	51.1	HEPTACHLORO-BICYCLO[2,2,1] HEPTANE
UNK594	91594	50.6	HEPTADECANE, 2,6,10,14-TETRA-METHYLPENTADECANE
UNK600	91600	19.1	2,6,10,14-TETRAMETHYLHEXA- DECANE
UNK605	91605	30.8	NONADECANE
	91610	19.3	EICOSANE
610	91627	13.0	HEXACHLORO COMPOUND
527			CHLORINATED COMPOUND
UNK632	91632	26.3	
UNK635	91635	13.5	BIS(2-ETHYLHEXYL)PHTHALATE

ESE SAMPLE * SEQUENCE NUMBER:

T4CC2

ID

ECTION DATE:

37

COLLECTION TIME:

09/26/86

JSATHAMA TEST NAME	ESE STOR		IDENTIFICATION
UNK055	91055	*OK39.7	UNK

UNK089 UNK129 UNK174 91089 *BK0 91129 *BK0

91174 *BK0

ESE SAMPLE * SEQUENCE NUMBER:

T4CC

ID

41

ECTION	DATE:	06/25/86	5
ECTION	TIME:	14:24	1

JSATHAMA TEST NAME	ESE STORET	CONC.	IDENTIFICATION
JNK193		153000	DICHLOROBENZENE
JNK513	91513	20.3	4-METHYL-2-PENTANONE
JNK525	91525	6320	CHLOROBENZENE
JNK530	91530	11.3	UNK
JNK540	91540		BICYCLO[2,2,1]HEPT-2-EN-7-OL
JNK544	91544	6490	DICHLROBENZENE
JNK547	015/17	5010	1,2-DICHLOROBENZENE
JNK548	91548	9.10	UNK
JNK549	91549	22.2	ACETOPHENONE
JNK550	91550	14.3	N-NITROSODIPROPYLAMINE
JNK553	91553	11.1	UNK
JNK558	91558	12.6	N-HEXYLACETAMIDE
JNK559	91559	145	TRICHLOROBENZENE, TRICHLORO-CYCLOPENTANE
JNK560	91560	11.9	M-MENTHA-4,8-DIENE
JNK562	91562	35.0	TRICHLOROBENZENE
JNK566	91566	675	CAPROLACTAM
JNK569	91569	25.9	UNK
JNK570	91570	8.29	UNK
JNK573	91573	21.1	3,5-DIMETHYL-1,2,4-TRITHIOLANE
·· <u>·</u> <u>·</u> <u>·</u> 575	91575	8.63	METHYLSULFOXYL BENZENE
76	91576		DIPHENYL ETHER
JNR378	91578	8.76	UNK
JNK581	91581	11.4	UNK
JNK582	91582	9.51	1-(4-HYDROXY-3-METHOXYPHENYL)- ETHANONE
JNK586	91586	16.2	TETRACHLOROPHENOL
JNK598	91598	65.1	PENTACHLOROPHENOL
JNK607	91607	12.1	A CHLORO-METHYLSULFOXYLAMIDE
JNK608	91608	14.8	
JNK610	91610	10.5	TRICHLORO COMPOUND
JNK617	91617		OCTADECANOIC ACID
JNK619	91619	34.6	PENTACHLORO COMPOUND
JNK624	91624	288	UNK
JNK627	91627	151	AN AMIDE
JNK642	91642	80.8	UNK
JNK657	91657	12.3	UNK
JNK666	91666	8.84	UNK
JNK668	91668	10.2	UNK
JNK674	91674	943	UNK

ESE SAMPLE * SEQUENCE NUMBER: T4CC

ID

42 06/27/86

ECTION	DAIR:	00/21/86
CCZECTION	TIME:	10:02

USATHAMA TEST NAME	ESE STORET	CONC.	IDENTIFICATION
UNK530	91530	5.95	XYLENE
UNK539	91539	11.8	1,3-DITHIOLANE
UNK542	91542	16.7	UNK
UNK552	91552	5.91	UNK
UNK555	91555	15.9	UNK
UNK557	91557	11.9	1,3-DITHIOLANE-2-THIONE
UNK563	91563	1010	UNK
JNK570	91570	11.9	UNK
JNK572	91572	11.3	UNK
JNK573	91573	99.5	UNK
JNK574	91574	69.8	UNK
JNK578	91578	84.2	UNK
JNK580	91580	8.47	UNK
JNK581	91581	15.0	UNK
JNK582	91582	37.8	UNK .
JNK596	91596	7.86	POSSIBLY AZIDOBENZENE OR
			HYDROXY BENZENE
JNK597	91597	8.32	UNK
JNK603	91603	6.06	UNK
JNK606	91606	6.95	UNK
117608	91608	7.09	HEXADECANOIC ACID
09	91609	26.5	UNK
JN20	91620	5.80	BUTYL OCTADECANOATE
JNK628	91628	7.85	DODECANAMIDÈ
JNK642	91642	8.20	UNK

ESE SAMPLE * SEQUENCE NUMBER:

T4CC2

ID

ECTION DATE: ECTION TIME:

39 09/26/86

USATHAMA TEST NAME	ESE STORET	CONC.	IDENTIFICATION
UNK055	91055	*BK0	
UNK089	91089	*BKO	
UNK129	91129	*BKO	
UNK174	91174 *	OK7.70	XYLENE
UNK539	91539	7.61	*
UNK541	91541	13.2	
UNK554	91554	10.7	
UNK557	91557	9.03	
UNK565	91565	768	
UNK566	91566	5.79	
UNK570	91570	5.74	
UNK573	91573	102	
UNK574	91574	31.1	
UNK578	91578	155	
UNK580	91580	7.91	
UNK581	91581	18.5	
UNK582	91582	41.3	
UNK585	91585	36.7	
UNK597	91597	18.8	
UNK603	91603	7.52	*
1111604	91604	6.75	
07	91607	12.1	
Uk609	91609	32.6	

ESE SAMPLE * SEQUENCE NUMBER: T4CC 43

06/30/86 08:52

ECTION	DATE:	06
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UNK049 91049 4.30 NO MATCH UNK080 91080 58.5 THIOPHENE UNK129 91129 240 NO MARCH UNK532 91532 6.42 1,1,2,2-TETRACHLOROETHANE UNK539 91539 13.2 1,3-DIOTHIOLANE UNK547 91547 13.4 UNK UNK547 91550 7.87 1,3,6-DIOXATHIOLANE UNK552 91552 17.4 UNK UNK554 91554 6.81 UNK UNK5554 91554 6.81 UNK UNK557 91557 16.2 1,3-DITHIOLANE-2-THIONE UNK5563 91564 13.6 CAPROLACTAM UNK573 91573 70.8 3,5-DIMETHYL-1,2,4-TRITHIONE UNK573 91574 70.8 3,5-DIMETHYL-1,2,4-TRITHIONE UNK573 91575 10.2 UNK UNK573 91576 10.1 ALKANE UNK580 91580 6.17 UNK UNK5880 91580 6.17 UNK UNK5880 91580 6.17 UNK UNK588 91582 23.0 UNK UNK588 91582 23.0 UNK UNK588 91582 23.0 UNK UNK588 91584 22.6 N-HEXADECANE UNK591 91591 10.1 ALKANE UNK591 91591 10.1 ALKANE UNK597 91597 6.97 ALIPHATIC HYDROCARBON UNK597 91597 13.7 26,10,14-TETRAMETHYLPENTA- DECANE UNK598 91598 18.6 TETRADECANE UNK598 91608 11.2 HEXADECANIC ACID UNK600 91601 34.3 N-OCTADECANE UNK601 91601 13.9 2,6,10,14-TETRAMETHYLHEXADECANE UNK602 91603 28.9 N-MONADECANE UNK603 91604 11.2 HEXADECANOIC ACID UNK604 91614 21.9 MOLECULAR SULFUR (S8) UNK615 91615 7.28 N-MENBICOSANE UNK617 91617 54.5 ALCOHOL UNK620 91620 10.2 ACID OR ALCOHOL UNK632 91632 11.0 DIHEPTYLPHTHALATE UNK640 91640 15.2 PETHALATE UNK640 91640 11.9 PETHALATE UNK640 91640 11.9 PETHALATE UNK640 91640 11.9 PETHALATE UNK640 91640 11.9 PETHALATE	USATHAMA TEST NAME	ESE STORET	CONC.	IDENTIFICATION
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UNK608 91608 11.2 HEXADECANOIC ACID UNK611 91611 17.6 N-EICOSANE UNK614 91614 21.9 MOLECULAR SULFUR (S8) UNK615 91615 7.28 N-HENEICOSANE UNK617 91617 54.5 ALCOHOL, OCTADECANOIC ACID UNK620 91620 10.2 ACID OR ALCOHOL UNK628 91628 10.3 POSSIBLY OCTADECANETHOIL UNK632 91632 11.0 DIHEPTYLPHTHALATE UNK635 91635 30.1 PHTHALATE, BIS(2-ETHYLHEXYL)- PHTHALATE UNK640 91640 15.2 PHTHALATE UNK649 91649 11.9 PHTHALATE UNK649 91654 28.1 PHTHALATE	UNK605		28.9	N-NONADECANE
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UNK632 91632 11.0 DIHEPTYLPHTHALATE UNK635 91635 30.1 PHTHALATE, BIS(2-ETHYLHEXYL)- PHTHALATE UNK640 91640 15.2 PHTHALATE UNK642 91642 13.9 UNK UNK649 91649 11.9 PHTHALATE UNK654 91654 28.1 PHTHALATE		91617	54.5	ALCOHOL, OCTADECANOIC ACID
UNK632 91632 11.0 DIHEPTYLPHTHALATE UNK635 91635 30.1 PHTHALATE, BIS(2-ETHYLHEXYL)- PHTHALATE UNK640 91640 15.2 PHTHALATE UNK642 91642 13.9 UNK UNK649 91649 11.9 PHTHALATE UNK654 91654 28.1 PHTHALATE		91620	10.2	ACID OR ALCOHOL
UNK632 91632 11.0 DIHEPTYLPHTHALATE UNK635 91635 30.1 PHTHALATE, BIS(2-ETHYLHEXYL)- PHTHALATE UNK640 91640 15.2 PHTHALATE UNK642 91642 13.9 UNK UNK649 91649 11.9 PHTHALATE UNK654 91654 28.1 PHTHALATE		91628	10.3	POSSIBLY OCTADECANETHOIL
UNK635 91635 30.1 PHTHALATE, BIS(2-ETHYLHEXYL)- PHTHALATE UNK640 91640 15.2 PHTHALATE UNK642 91642 13.9 UNK UNK649 91649 11.9 PHTHALATE UNK654 91654 28.1 PHTHALATE				
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UNK654 91654 28.1 PHTHALATE		91642		UNK
	UNK649	91649	11.9	PHTHALATE
UNK669 91669 8.85 PHTHALATE		91654		
	UNK669	91669	8.85	PHTHALATE

ESE SAMPLE * SEQUENCE NUMBER: OPG3C

COLLECTION DATE:

08/26/86 14:56

CTION TIME:

JSATHAMA TEST NAME	ESE STORET	CONC.	IDENTIFICATION
UNK563	91563	28.8	UNK
UNK565	91565	154	CAPROLACTAM
UNK582	91582	20.4	UNK
UNK586	91586	8.78	UNK

ESE SAMPLE * SEQUENCE NUMBER: OPGW2C

ECTION DATE: COLLECTION TIME:

06/18/86

USATHAMA TEST NAME	ESE STORET	CONC.	IDENTIFICATION
UNK594	91594	26.4	N-HEPTADECANE; 2,10,6,4-TETRA- METHYLPENTADECANE
บทห600 บทห605 บทห610	91600 91605 91610	7.48 13.0 7.40	N-OCTADECANE N-NONADECANE N-EICOSANE

SE SAMPLE * SEQUENCE NUMBER:

OPGW2C

CTION DATE:

3 06/16/86 15:17

OLLECTION TIME:

SATHAMA TEST NAME	ESE STORET	CONC.	IDENTIFICATION
NK519 NK563 NK566 NK579 NK582 NK583 NK585 NK586 NK586 NK589 NK593	91519 91563 91566 91579 91582 91583 91585 91586 91589 91593 91594 91595 91633	20.9 7.43 18.9 33.6 6.61 7.54 27.9 18.7 30.5 14.4 6.78 6.42 8.52	TETRACHLOROETHENE CYCLOPENTADIENE DERIVATIVE C11h16 C10h10o, CYCLPENTADIENE UNK

SE SAMPLE * SEQUENCE NUMBER: OPGW2C

COLLECTION DATE:

06/17/86

11:13

SATHAMA TEST NAME ESE STORET CONC. IDENTIFICATION

NK579

91579 6.57 UNK

ESE SAMPLE * SEQUENCE NUMBER:

OPG3C

2

ECTION DATE: ECTION TIME:

08/26/86 10:15

JSATHAMA	TEST	NAME	ESE	STORET	CONC.	IDENTIFICATION
JNK560			915 915		7.49 29.0	UNK

JNK560	91560	7.49	UNK
JNK563	91563	29.0	UNK
INK565	91565	339	CAPROLACTAM
INK579	91579	14.4	2-(4-METHYL-2-FURYL)-2-
			CYCLOPENTEN-1-ONE
INK582	91582	27.5	UNK
INK585	91585	11.8	UNK
NK586	91586	14.6	UNK
NK588	91588	38.7	PROPANOIC ACID, 2-METHYL-1-
			(1,1-DIMETHYL ETHYL)-2-METHYL
			-1,3-PROPANEDIEL ESTER
INK599	91599	7.87	UNK
NK642	91642	96.6	UNK
NK654	91654	911	UNK
NK671	91671	752	UNK
NK693	91693	571	UNK

ESE SAMPLE * SEQUENCE NUMBER:

OPG3C

3

ECTION DATE: ECTION TIME:

09/22/86 12:06

SATHAMA TEST NAME	ESE STORET	CONC.	IDENTIFICATION
JNK529	5 1 5 2 5	14.1	2-METHYLCYCLOPENTANONE UNK
JNK652	91652	236	UNK

ESE SAMPLE * SEQUENCE NUMBER: OPGW2C

ECTION DATE:

06/16/86 11:58

JSATHAMA '	TEST	NAME	ESE	STORET	CONC.	IDENTIFICATION
UNK040 UNK582			, ,	040 582	7.50 6.41	UNK UNK

SE SAMPLE * SEQUENCE NUMBER:

OPGW2C

CTION DATE:

06/13/86 08:39

CTION TIME:

SATHAMA	TEST	NAME	ESE	STORET	CONC.	IDENTIFICATION	
NK594			915	594		N-HEPTADECANE,	

SE SAMPLE * SEQUENCE NUMBER: OPGW2C

CCTION DATE: ECTION TIME:

06/13/86 08:39

SATHAMA TEST NAME	ESE STORET	CONC.	IDENTIFICATION
JNK600	91600	5.51	2,6,10,14-TETRAMETHYLPENTADECANE
JNK605	91605	7.49	N-NONADECANE
JNK667	91667	175	UNK

SE SAMPLE * SEQUENCE NUMBER: OPG3C

ECTION DATE:

08/25/86 00:00

OBJECTION TIME:

ISATHAMA TEST NAME ESE STORET CONC. IDENTIFICATION

ESE SAMPLE * SEQUENCE NUMBER: OPG3C

ECTION DATE:

09/11/86

COLLECTION TIME:

07:53

JSATHAMA TEST NAME ESE STORET CONC. IDENTIFICATION

ESE SAMPLE * SEQUENCE NUMBER: OPGW2C

ECTION DATE:

06/12/86 11:32

USATHAMA TEST NAME	ESE STORET	CONC.	IDENTIFICATION
UNK523	91523	10.8	A NONANE 4-HYDROXYL-4-METHYL-2-PENTANONE A NONANE A NONANE METHYLOCTANE
UNK524	91524	13.0	
UNK526	91526	20.9	
UNK526	91526	20.9	
UNK527	91527	32.3	

ESE SAMPLE * SEQUENCE NUMBER: OPGW2C

06/12/86 11:32 ECTION DATE: ECTION TIME:

JSATHAMA TEST NAME	ESE STORET	CONC.	IDENTIFICATION
JNK649	91649	120	UNK
JNK657	91657	67.7	UNK

ESE SAMPLE * SEQUENCE NUMBER: OPG3C

ECTION DATE:

09/12/86 07:38

COLLECTION TIME:

JSATHAMA TEST NAME ESE STORET CONC. IDENTIFICATION

SE SAMPLE * SEQUENCE NUMBER: OPGW2C

ECTION DATE:

06/11/86 10:06

COLLECTION TIME:

SATHAMA TEST NAME	ESE STORET	CONC.	IDENTIFICATION
JNK635	91635	2.83	BIS(2-ETHYLHEXYL)PHTHALATE

SE SAMPLE * SEQUENCE NUMBER: OPG3C

ECTION DATE:

09/08/86

COLLECTION TIME:

10:43

ISATHAMA TEST NAME ESE STORET CONC. IDENTIFICATION

JNK652

91652 127 UNK

ESE SAMPLE * SEQUENCE NUMBER: OPG3C

ECTION DATE: ECTION TIME:

09/11/86 10:47

USATHAMA TEST NAME ESE STORET CONC. IDENTIFICATION

ESE SAMPLE * SEQUENCE NUMBER: OPGW2C

ECTION DATE:

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07/01/86 09:32

USATHAMA TEST NAME	ESE STORET	CONC.	IDENTIFICATION
UNK588 UNK635	91588 91635	11.4	UNK PHTHALATE, BIS(2-ETHYLHEXYL)- PHTHALATE
UNK640 UNK649 UNK654 UNK656 UNK669	91640 91649 91654 91656 91669	5.79 7.08 6.42 112 5.87	PHTHALATE PHTHALATE PHTHALATE UNK PHTHALATE

APPENDIX B.3
ONPOST SURFACE QUALITY DATA,
THIRD AND FOURTH QUARTERS (FY86)

ONPOST SURFACE WATER - THIRD QUARTER



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ONPOST SURFACE WATER - FOURTH QUARTER

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290-80	19/13/86	<.07 <.07	<.07	4.063	900	<.052	<.07	<9.31	677>	<- 15	7.017	<10.0 <1.8	<2>	<1.1	<1.3	<4.2	(4.7	<1.34	<1-21 -1-21	\$7.17 \$7.17	(2.67	×52	<1.1	<1.2	<1.2	# · I ›	7.01 7.01	47.7	(1.1	</td <td><1.3</td> <td>ו58</td> <td><1200</td> <td>57300</td> <td></td> <td></td> <td>• •</td> <td></td> <td></td> <td></td> <td>•</td> <td>•</td> <td></td> <td></td> <td>\$ C</td> <td>4440</td>	<1.3	ו58	<1200	57300			• •				•	•			\$ C	4440
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		09/02/86	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	90.0	<.053	6.06	750*>	<0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05	<12.9	<,13	<15.2	(10.1) (10.1)		</td <td><1.3</td> <td>7.4.7</td> <td>71.34</td> <td><1.21 <1.21</td> <td><1.28</td> <td><1,35</td> <td>75.47</td> <td>\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$</td> <td><1,2</td> <td><1.2</td> <td><1.4</td> <td>10.0</td> <td>4.7</td> <td>(1,1</td> <td>75</td> <td><.58 <.58</td> <td><4800 <1200</td> <td>16409</td> <td></td> <td></td> <td></td> <td>•</td> <td></td> <td></td> <td></td> <td>-</td> <td>142</td>	<1.3	7.4.7	71.34	<1.21 <1.21	<1.28	<1,35	75.47	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	<1,2	<1.2	<1.4	10.0	4.7	(1,1	75	<.58 <.58	<4800 <1200	16409				•				-	142
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APPENDIX C
THIRD AND FOURTH QUARTERS (FY86) ALLUVIAL AND DENVER AQUIFER COMPOUND DISTRIBUTION PLOTS

			 Z	0 % % 1 Mile
20	59	.40.070 32	05	. <0.070
9	30	.co.070 31	.40.070 .40.070 .06	.40.070
	.40.070 25 40.070 .50.070	.0.070 .0.070 .0.070 .0.070 .0.070 .0.070 .0.070 .0.070	<0.070<0.070<0.070<0.070<0.070	12 .co.070
.0.070 .0.070 .0.070 .0.070 .0.070 .0.070	6.00	.60.070 .60.070 .60.070 .60.070 .35 .60.070 .		11.
	\$0.070 \$0.070 \$0.070 \$0.070 \$0.070	.<0.070 34 .<0.070 .<0.070	.6.070 .0.070 .0.070	
	28 .0.070	. 40.070 . 40.078 . 40.070 . 40.070 . 40.070	.co.o70 .co.076 .co.o70 .co.076 .co.o70 .co.076 .co.o70 .co.070 .co.o70 .co.070	.<0.070,<0.070 09 .<0.070

Figure C-1 HCCPD CONCENTRATIONS (ug/I) TASK 4 3rd QUARTER ALLUVIAL AQUIFER SOURCE: ESE, 1987

								-	d ⊸Z·		0 ½ ½ 1 Mile
	20		29			32		ţ	SO SO		80
\$40.078	19 .0.070		30,070	.0.070 .0.070	\$0.070 \$0.070	31		.<0.070 .<0.070	90	00.070 00.070	07
	24 .0.070	0.000		<0.070	÷0.878	.<0.070 36	.co.070 .co.070	\$5.85	.c.700 OI	· «0.070	1.2 <0.070 <0.070
<0.07ô	.60.070 23	×0.070 ×0.070		.<0.070 .<0.070	\$0.070 \$0.070 \$0.070 \$0.070	35 \$2.878	0.070	.0.070 -0.070 -0.070 -0.078 -0.078	\$8.878 OZ \$8.878		11 .0.070
	22	.<0.070	. <0.070 <0.070 2.7	<0.070	.<0.070	34			03		
			85.678	78	\$0.078 \$0.070 \$0.070	33		,0.070	4	.<0.070	60

Figure C-2 HCCPD CONCENTRATIONS (ug/l) TASK 4 3rd QUARTER DENVER AQUIFER SOURCE: ESE, 1987

			Z	0 1/2 1 Mile
20	29	32	05	80
6-	30	.co.1 <i>47</i> 31	.<0.147 .<0.147	.07
.0.207 <0.070 <0.070 <0.070 24 <0.070	.co.070 cd.070 25 cd.14?	 *0.700 *0.700 *0.070 *0.070 *1.40 *0.070 *1.40 *0.070 	01000	.0.882
 <0.070 	0.00	.0.070 c0.700 .0.070 35 .0.070		0.147
22	.0.0 .070 .070.	.<0.070 34 .<0.070 .<0.070	.<0.070 03 0.185 .<0.070	
	có.070 28 .co.070	. 60.070 . 60.070 . 60.070 . 60.070 . 60.070 . 60.070	.0.070	.<0.147 09 .<0.070

Figure C-3 HCCPD CONCENTRATIONS (ug/I) TASK 4 4th QUARTER ALLUVIAL AQUIFER SOURCE: ESE, 1987

									~~;		1, 1/2 1 Mile
20			29			32		90			80
%:147 19			30	.0.147 .0.147	. <0.147	31		.0.735 .0.147 .06	·	<0.147	20
.0.070 .24 .0.070		.<0.070	\$0.070 25 \$0.070 \$.<0.070	-0.070 <0.070 -0.070	.40.070 36	°.0.070 °.0.070		0,		
.0.070 .0.070 .23	.0.078 .6.078 .0.070	.40.070	.co.o70 26co.978 26 .co.070	<0.070 <0.070	\$6.878 \$6.0700 \$6.678	35 .0.878	.<0.070 <0.07q	.co.o70 .63.878 .co.070 .63.878 .co.878 .co.878	.<0.070		11.05.
	22			<0.070	.<0.070	34		.40.070 .40.070 .03			
			86.678	28	0.00.05	33	.co.070 .co.070	.<0.070 .<0.070 04		0.070	60
							.00	0.05			

Figure C-4 HCCPD CONCENTRATIONS (ug/l) TASK 4 4th QUARTER DENVER AQUIFER SOURCE: ESE, 1987

			~~Z	0 1/2 1/2 1 Mile
20	29	.<0.070 32	05	. <0.070
0	30	.co.070 31	.40.070 .40.070 .06	.<0.070
.40.14040.070 40.070 24 .40.070	.40.070 25 <0.070 .40.070 .40.070	.c.o70 .c.070 .c.070 .c.070 .c.070 .c.070 .c.070 .c.070 .c.070	<0.070<0.070<0.070<0.070<0.070	.0.070
	0.00	.60.070 .60.070 .60.070 .60.070 .35 .60.070 .	.co.070 02 0.15	11.
5,500	\$0.070 \$0.070 \$0.070 \$0.070	.<0.070 34 .<0.070 .<0.070	03°.07°.	
	28 28 30.070	.0.070 .0.070 .0.070 .0.070 .0.070 .0.070	.60.070	.<0.070.°<0.070 09 0.0070

Figure C-5 ALDRIN CONCENTRATIONS (ug/l) TASK 4 3rd QUARTER ALLUVIAL AQUIFER SOURCE: ESE, 1987

		Z	0 1/2 1 Mile
29	32	05	80
	-8.878 31		
.0.070 .0.078 25 .0.078 .0.070	•	\$.878 \$.0.700 01 \$0.070 \$0.078	-0.878 -0.878
.0.070 .0.070 .0.070 .0.070 .0.070	35.070 35.070 35.070 30.070		11.
27 27 27 20.070	°a.070 34	03	
3.978 28 28	.40.878 .40.070 .33	.04	.<0.070 09
	.40.070	\$\frac{\partial_{0.070}}{\partial_{0.070}}\begin{pmatrix} \partial_{0.070} & \partial_{0.070} \end{pmatrix} \text{3.070} \\ \partial_{0.070} \end{pmatrix} \text{3.070} \\ \partial_{0.070} \end{pmatrix} \text{3.070} \\ \partial_{0.070} \text{3.070} \text{3.070} \\ \partial_{0.070} \text{3.070} \text{3.070} \text{3.070} \text{3.070} \text{3.070} \text{3.070} \text{3.070} \text{3.070} \text{3.070} \text{3.070} \text{3.070} \text{3.070} \text{3.070} \text{3.070} \text{3.070} \text{3.070} \text{3.070} \	\$3570 \$\frac{\partial \text{3.8770}}{\partial \text{3.6970}}\$\text{3.6970} \text{3.6970} 3.697

Figure C–6 ALDRIN CONCENTRATIONS (ug/l) TASK 4 3rd QUARTER DENVER AQUIFER SOURCE: ESE, 1987

			~-Z-	0 1/2 1 Mile
20	29	32	05	80
6	30	č.0.088 31	.<0.088 .<0.088 06	.<0.088
. 40.070 40.070	.6.070 25 <0.088	 -29,070 -0.700 -0.070 -0.070 -1.40 -0.070 -1.40 -0.070 	01	12.0.528
 <0.070 <0.070 <0.070 <0.070 <0.350 <0.700 <0.700	0.109 . <0.070 <1.40 <0.000 <0.000 <0.000 <0.000 <0.000 <0.000 <0.000 <0.000 <0.000 <0.000 <0.000 <0.000 <0.000 <0.000 <0.000 <0.000 <0.000 <0.000 <0.000 <0.000 <0.000 <0.000 <0.000 <0.000 <0.000 <0.000 <0.000 <0.000 <0.000 <0.000 <0.000 <0.000 <0.000 <0.000 <0.000 <0.000 <0.000 <0.000 <0.000 <0.000 <0.000 <0.000 <0.000 <0.000 <0.000 <0.000 <0.000 <0.000 <0.000 <0.000 <0.000 <0.000 <0.000 <0.000 <0.000 <0.000 <0.000 <0.000 <0.000 <0.000 <0.000 <0.000 <0.000 <0.000 <0.000 <0.000 <0.000 <0.000 <0.000 <0.000 <0.000 <0.000 <0.000 <0.000 <0.000 <0.000 <0.000 <0.000 <0.000 <0.000 <0.000 <0.000 <0.000 <0.000 <0.000 <0.000 <0.000 <0.000 <0.000 <0.000 <0.000 <0.000 <0.000 <0.000 <0.000 <0.000 <0.000 <0.000 <0.000 <0.000 <0.000 <0.000 <0.000 <0.000 <0.000 <0.000 <0.000 <0.000 <0.000 <0.000 <0.000 <0.000 <0.000 <0.000 <0.000 <0.000 <0.000 <0.000 <0.000 <0.000 <0.000 <0.000 <0.000 <0.000 <0.000 <0.000 <0.000 <0.000 <0.000 <0.000 <0.000 <0.000 <0.000 <0.000 <0.000 <0.000 <0.000 <0.000 <0.000 <0.000 <0.000 <0.000 <0.000 <0.000 <0.000 <0.000 <0.000 <0.000 <0.000 <0.000 <0.000 <0.000 <0.000 <0.000 <0.000 <0.000 <0.000 <0.000 <0.000 <0.000 <0.000 <0.000 <0.000 <0.000 <0.000 <0.000 <0.000 <0.000 <0.000 <0.000 <0.000 <0.000 <0.000 <0.000 <0.000 <0.000 <0.000 <0.000 <0.000 <0.000 <0.000 <0.000 <0.000 <0.000 <0.000 <0.000 <0.000 <0.000 <0.000 <0.000 <0.000 <0.000 <0.000 <0.000 <0.000 <0.000 <0.000 <0.000 <0.000 <0.000 <0.000 <0.000 <0.000 <0.000 <0.000 <0.000 <0.000 <0.000 <0.000 <0.000 <0.000 <0.000 <0.000 <0.000 <0.000 <0.000 <0.000 <0.000 <0.000 <0.000 <0.000 <0.000 <0.000 <0.000 <0.000 <0.000 <0.000 <0.000 <0.000 <0.000 <0.000 <0.000 <0.000 <0.000 <0.000 <0.000 <0.000 <0.000 <0.000 <0.000 <0.000 <0.000 <0.000 <0.000 <0.000 <0.000 <0.000 <0.000 <0.000 <0.000 <0.000 <0.000 <0.000 <0.000 <0.000 <0.000 <0.000 <0.000 <0.000 <0.000 <0.000 <0.000 <0.000 <0.000 <0.000 <0.000 <0.000 <0.000 <0.000 <0.000 <0.000 <0.000 <0.000 <0.000 <0.000 <0.000 <0.000 <0.000 <0.000 <0.000 <0.000 <0.000 <0.000 <0.000 <0.000 <0.000 <0.000 <0.000 <0.000 <0	.c0.070 c0.700 .c0.070 35 c0.070 c0.070	\$0.070 02 \$0.070 \$0.070 \$0.070 \$0.070 \$0.070	11.
	\$0.070 \$0.070 \$0.070 \$27 \$0.700 \$0.070	. 40.070 34 . 40.070 40.070	.c0.070 c0.070 03 c0.070 .c0.070	
	28 .<0.070	.0.070 .0.070 .0.070 .0.070 .0.070 .0.070	.0.070 0.070 0.070 .0.070 0.070 0.070 .0.070 0.070 0.070	0.088 09 0.070

Figure C-7 ALDRIN CONCENTRATIONS (ug/l) TASK 4 4th QUARTER ALLUVIAL AQUIFER SOURCE: ESE, 1987

			~~Z~	0 1/2 1/2 1 Mile
20	29	32	05	80
,0,088 ,0.088	30 .0.088 .0.088	-0.088 31		· .0.088
	.40.070 .40.070 25 .40.070 .40.088	\$0.070 \$0.070 \$0.070 \$6 \$0.070 \$0.070	\$0.078 \$0.350 01 \$0.350 000 \$0.070	12 <0.088 <0.088
.0.070 23 .0.070 .0.070 .0.070	.60.070 266.788 0.704 .0.070 .60.070	\$0.076 \$0.075 \$0.076 \$0.076 \$0.070 \$0.070	.0.070 .9.978 .0.078 .0.078 .0.078 .0.070	11.
22 ,30,070		°.<0.070 34	*0.070 <0.070 0.3	
	\$6.978 28	\$8.878 \$0.070 33 \$0.070 \$0.070	.«0.070 .«0.070 04	0.070 0.9
,		1 8 2		

Figure C–8 ALDRIN CONCENTRATIONS (ug/I) TASK 4 4th QUARTER DENVER AQUIFER SOURCE: ESE, 1987

	30 29	,<0.060	, <0.060	31 32		,<0.060			07 080 08 07	
24 .0.060	\$0.060 \$0.060 25 \$0.060	.0.060	0.060	. •0.600	<1.20	<0.080	.co.060 .co.080 01	.0.060	12	000,00
\$60.060 23 \$60.060 \$60.060 \$60.060 \$60.000	(0.060, <0.600 (0.060 <0.0 (0.060 (0.060	.0.600 .0.600	.<0.060 .0.080 .0.060	35	.0.060		.0.080 02 .0.060		Ξ	<0.080
0000	.0.060 .0.060 .0.060 .0.060	0.060	,<0.060	34	.0.060 .0.060		ەن.06م 03	.c060 .c060		
	00.050	28	,<0.060		0.000	<0.060 <0.060 <0.060 <0.060 <0.060 <0.060	0.060 .0.060 .0.060 .0.060	000000	°«۵.080°°». 09	.0.060

Figure C-9 ISODRIN CONCENTRATIONS (ug/l) TASK 4 3rd QUARTER ALLUVIAL AQUIFER SOURCE: ESE, 1987

			Z	0 % % 1 Mile
20	29	32	05	80
<0.060 40.060 19 <0.060	30,060	\$0.060 \$0.060 3.1	.0.080 .0.060 .0.060	
24 .0.060	.0.060 .0.060 25 .0.060 .0.060	.0.060 .0.060 .0.060 .0.060 .0.060	.0.600 01 .0.060	12 <0.060 <0.060
.0.060 23 0.074 .0.060 .0.060 .0.060	.0.060 26 .0.060 .0.060 .0.060	.0.060 .0.060 .0.060 .0.060 .0.060	-	11.
22 ,0000		.<0.060 34	03	
	28	0,35 40.060 0.113 33 '<0.060	,<0.060 04	090.00

Figure C-10 ISODRIN CONCENTRATIONS (ug/I) TASK 4 3rd QUARTER DENVER AQUIFER SOURCE: ESE, 1987

Prepared for: U.S. Army Program Manager's Office For Rocky Mountain Arsenal

			Z	0 % % 1 Mile
20	29	32	05	80
19	30	·«0.072 31	.<0.072 .<0.072 .06	.40.072
	.40.080 25 <0.072 <0.060	(0.060 (1.20 (0.060 (0.	011	12.0.432
 <0.060 <0.080 <0.080 <0.060 <0.000 <0.000	0.06	. co.060 co.600 35 co.060 co.060		.40.072
00000	.0.060 .0.060 .0.060 .0.060 .0.060	.c0.080 34 .c0.060 .c0.060	.0.060 .0.060 .0.060	
	,0.060 .0.060		.0.060 .0.060 .0.060 .0.060 .0.060 .0.060 .0.060 .0.060 .0.060 .0.060 .0.060	.<0.072 09 .<0.080

Figure C-11 ISODRIN CONCENTRATIONS (ug/l) TASK 4 4th QUARTER ALLUVIAL AQUIFER SOURCE: ESE, 1987

			1 Mile
			, , , , , , , , , , , , , , , , , , ,
59	32	05	80
30	• <0.072 31		.<0.072 07
.co.060 .co.060 .co.060	\$0.060 \$0.060 \$0.060 \$36 \$0.060 \$0.060	.0.300 01 .0.300 01 .0.060	40.072 40.072
.0.060 .40.060 .40.060 .40.060 .40.060	.40.060 .40.060 .40.060 .40.060 .40.060 .40.060	.c.oeo .0.060 .c.060 .c.060 02 .c.060	
	.<0.060 34	.40.060 40.060 0.33	
28	\$0.060 \$0.060 \$33 \$0.060	.co.060 .co.060 04	090.00 09
	\$\cdot \cdot	28 30 30 386 30 30 33 34 35 33 34 35 33 34	28

Figure C-12 ISODRIN CONCENTRATIONS (ug/l) TASK 4 4th QUARTER DENVER AQUIFER SOURCE: ESE, 1987

			~Z-	0 % % 1 Mile
20	59	.40.053 32	05	• • • • • • • • • • • • • • • • • • •
19	30	č0.053 31	. 0.053 . 0.053	.07
.<106 <0.053 <0.053 24 <0.053	·0.053 25 <0.053 <0.053	(0.053 (1.06 (0.053) (1.06 (0.053) (1.06) (0.053) (1.06) (1.053) (1.053)	<0.053<0.053<0.053<0.053<0.053	. 40.053
.0.053 .0.053 .0.053 .0.053 .0.053 .0.053 .0.053 .0.053 .0.053	0.053. <0.530 0.053. <0.530 0.053 0.053 0.053 0.053 0.053 0.053 0.053	.0.053 .0.053 0.053 .0.053 .0.053 .0.053 .0.053		, c.053
	.0.053 .0.053 .0.053 .0.053 .0.053	.<0.053 34 .<0.053 .<0.053	40.053 60.053 60.053	
	46.053		. 0.053	.0.053 ^{.0} 0.053 09 .0.053

Figure C-13 DDE CONCENTRATIONS (ug/I) TASK 4 3rd QUARTER ALLUVIAL AQUIFER SOURCE: ESE, 1987

			- Z	o % % 1 Mile
20	29	32	05	08
.0.053 .0.053	30,053	\$6.0553 \$6.0553 3.1	.%0.053 .00.053	
24 .0.053	.0.053 .0.053 2.5 .0.053 .0.053	.0.053 .0.053 .0.053 .0.053 .0.053	.0.053 .01 .0.053 .0053	12 <0.053 <0.053
<0.053<0.053<0.053<0.053<0.053<0.053<0.053	.60.053 26 .60.053 .60.053 .60.053 .60.053	\$\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	.0.053 .0.053 .0.053 .0.053 .0.053	11 .0.053
22 .0.053		.<0.053 34	03	
	28	.6.053 .6.053 .3.3 .6.053	.<0.053 0.4	.0.053

Prepared for: U.S. Army Program Manager's Office For Rocky Mountain Arsenal

Aberdeen Proving Ground, Meryland

Figure C-14 DDE CONCENTRATIONS (ug/I) TASK 4 3rd QUARTER DENVER AQUIFER SOURCE: ESE, 1987

0 1/2 1/2 1 Mile	80	.40.071	12.426	11.	
- Z			.0.0530.053	.0.053	<0.053 <0.053
	05	00	01	.<0.053 02 .0.053	03
		60.071	<0.053	.<0.053	.c053 .c053 .c053
		<0.071	<0.265		
			<1.06 <0.053 <1.08 <0.053	<0.053 <0.053	<0.053 <0.053
	32	31	. <0.530	35	34
		.<0.071	. '-0,053 -0.530	.<0.053 <0.53å	.<0.053
		.<0.071	.0.053		.<0.053
	29	30	<0.053 25 <0.07	26.053	27 .0.530
				<0.053	, <0.053 , <0.053
			.<0.053	.0.05 .0.0	053
				.0.053 . <0.053 0.086 . <0.265 <0.530 . <1.06	<0.053 22 20.053
	20	19	24 '<0.053	.co.053 23	.<0.053
			. <0.053 <0.053 <0.053	<0.053	

Figure C-15 DDE CONCENTRATIONS (ug/l) TASK 4 4th QUARTER ALLUVIAL AQUIFER SOURCE: ESE, 1987

											- ;		0 % % 1 Mile
	20			29			32			05			80
	19			30	\$0.071	<0.071	31		<0.355 <0.071	90		. 0.071	70
40.053 60.053	24 .0.053		.<0.053	. 60.053 25 . 60.053	.40.053	<0.053 <0.053 <0.053	.0.053 36	, 0.053	•	.40.265 01	.<0.053 .<0.053		.80871
<0.053	<0.053 23	<.0.053 <0.053 <0.053	.<0.053	.0.053 26053 .0.053	<0.053 <0.053	\$0.053 \$0.053 \$0.053 \$0.053	35 0.053	.<0.053 <0.053	.0.053 <0.053	 <0.053 <0.053 <0.053 <0.053 	.co.053		.<0.071
		22 .0.053		, 0.053 , 0.053 27	. 40.053	.<0.053	34		,	<0.053 0.053 0.3			
				60.0553	28		33	<0.053 <0.053	. 40.053	.40.053 04		.<0.053	60

Figure C-16 DDE CONCENTRATIONS (ug/I) TASK 4 4th QUARTER DENVER AQUIFER SOURCE: ESE, 1987

			- Z-	0 % 1/2 1 Mile
20	29	.<0.060 32	05	. <0.060
61	30	.<0.060 31	,0.060 06.060	07.
0.865	. co.060 co.060 25 co.060 co.060	.0.066 .0.060 .0	<0.060 0.264 0.060 0.264 0.060 0.0000 0.0000	12.00.00
.0.060 .0.060 .0.060 .0.083 .0.087 2.04 .0.600	0.31	2.03 0.677 0.080 -0.080 3.5 0.080	0.437 .0.080 02 .0.080	1.1 .0.060
22 22 22 22 22 22 22 22 22 22 22 22 22	40.30 40.600	.<0.060 34 .<0.060 <0.060	03 °.0.060 °.0.060 °.0.060	
	, 40.060 , 40.060	.0.060 .0.060 .0.060 .0.060 .0.060 .0.060	. 40.060 . 40.060 . 40.060 . 40.060 . 40.060 . 40.060 . 40.060 . 40.060 . 40.060 . 40.060	.40.060 40.060 .40.060

Figure C-17 DIELDRIN CONCENTRATIONS (ug/I) TASK 4 3rd QUARTER ALLUVIAL AQUIFER SOURCE: ESE, 1987

									-		z -		0 1/4 1/2 1 Mile
	20			29			32			05			08
0.080 0.080	19 .0.080			30,080	000	00.060 00.060	31		\$0.060 \$0.060 \$0.060	90		, ,00 ,00 ,00 ,00 ,00 ,00 ,00 ,00 ,00 ,	07
	24 .0.060		.<0.060	\$0.060 \$0.060 \$0.060 \$0.060	.0.080	0.060 0.060 0.060	0.112 36	,<0.060 ,<0.080	\$\ \$\ \$\ \$\	.<0.600 01	.c.0,080 .c.0,080		12 .40.066 .60.0660
<0.08ô	.<0.060	\$0.080 \$0.080 \$0.080 \$0.060	.<0.060	0.203 26 1.537 6.41	.<0.060 0.619	.0.080 .0.080 .0.080 .0.080	35 0.060	.<0.080 <0.060	<0.060<0.060<0.060<0.060<0.060	\$0.080 \$0.080 \$0.080 \$0.080	•		.<0.080
		22 .<0.060			<0.060	,00.060	34			03			
				89.080	97	,<0.060 ,<0.060 ,<0.060 ,<0.060	33	090'0>	.0000	04		.<0.060	60

Figure C-18 DIELDRIN CONCENTRATIONS (ug/I) TASK 4 3rd QUARTER DENVER AQUIFER SOURCE: ESE, 1987

			-Z-	0 % % 1 Mile
20	29	32	05	80
19	30	·0.054 31		.0.054
5.35 · · · · · · · · · · · · · · · · · · ·	.40.080 25 40.05	 0,072 0,600 0,060 1,20 0,060 2,45 0,060 	0.092 0.090 01 0.000	12 .<0.32 4
 <0.060 <0.060 <0.060 <0.300 <0.000 <0.000 <0.000 <0.000 	0.164 . 0.112 0.103 . 0.600 0.201 0.203 0.23 26 .2.42 0.23 0.189 0.600	3.64 <0.600 3.5 1.44 <0.060	0.608 02'0.080 0.080	11.
0.127 22 22	0.24i	.0.143 34 .0.080 .0.060	.0.060 0.060 .0.080	
	28 .40.080	.0.060 .0.060 .0.060 .0.060 .0.060	.0.060 .0.060 .0.060 .0.060 .0.060 .0.060 .0.060 .0.060 .0.060 .0.060 .0.060 .0.060 .0.060	.<0.05 4 09 .<0.080

Figure C-19 DIELDRIN CONCENTRATIONS (ug/I) TASK 4 4th QUARTER ALLUVIAL AQUIFER SOURCE: ESE, 1987

				0 1/2 1 Mile
20	29	32	05	08
\$0.05 \$1.09	30	<0.054 31		. 40.054
.0.060 .0.060 24 .0.060	.0.080 .0.080 .0.080 .0.080	\$0.060 \$0.080 \$0.080 36 \$0.060	.0.300 01 .0.300 01 .0.0800.080	12 <0.054
 <0.060 <0.060 <0.060 <0.060 <0.060 <0.060 	.c0.060 26 2.32 .c0.060	\$0.060 \$0.060 \$0.060 \$0.060 \$0.060 \$0.060	\$0.060 \$0.207 \$0.060 \$0.060 \$0.060	
22	27 27 0.060	.<0.060 34	<080 <080 0.3	
	28	.0.060 .0.060 .0.060	0.073 04	.c.060 09

Figure C-20 DIELDRIN CONCENTRATIONS (ug/l) TASK 4 4th QUARTER DENVER AQUIFER SOURCE: ESE, 1987

			Z	0 1/2 1 Mile
20	29	.40.052 32	05	. <0.052
6	30	·«0.052 31	. 40.052 . 40.052 . 06	07
0.739 <0.052 <0.052 24 .<0.052	· 0.052 25 · 0.052 · 0.052	0.052 .0.052 .0.052 .1.04 .0.052 .0.052 .0.052	<0.052<0.052<0.079<0.052<0.052<0.052	.40.052
 <0.052 	\$0.05 \$0.00 \$0.00 \$0.00	.0.052 .0.052 .0.052 .0.052 35 .0.052		11 .<0.052
	.40.052	.<0.052 34 .<0.052 .<0.052	<0.052 03 <0.052 <0.052	
	, 4, 0, 052 28 30, 052	. 40.052 . 40.052 . 40.052 . 40.052 . 40.052	.0.052	.<0.052 ^{.<0.052} 09 .<0.052

Figure C-21 ENDRIN CONCENTRATIONS (ug/I) TASK 4 3rd QUARTER ALLUVIAL AQUIFER SOURCE: ESE, 1987

			Z -	0 % % 1 Mile
20	29	32	05	80
.<0.052 -<0.052 19 -<0.052	30.052	. 6.0552 . 6.0552 . 31	.40.052 40.052 0.052	.0.052 .0.052
24 <0.052	.40.052 .40.052 .40.052 .40.052	.0.052 .0.052 .0.052 .0.052 .0.052		.0.052 .0.052
.0.052 .0.052 .0.052 .0.052 .0.052 .0.052	.e0.052 26 7:58 1.34	.40.052 .40.052 .40.052 .40.052 .40.052 .40.052	.0.052 .0.052 .0.053 .0.053 .0.052 .0.052	11.
22 .0.052		.0.052 34	03	
	\$6.052 28	\$0.052 \$0.052 33 \$0.052	.<0.052 04	.<0.052 09

Figure C-22 ENDRIN CONCENTRATIONS (ug/I) TASK 4 3rd QUARTER DENVER AQUIFER SOURCE: ESE, 1987

			——Z—	0 % % 1 Mile
20	59	32	0.5	80
6	30	.<0.063 31	,40.063 0.6	
2.22 · <0.052 0.306 0.079 24 <0.052	.0.052 25 <0.083	<0.52036<0.052<0.052	<0.052 <0.052 01 <0.052 . <0.052	. 12
 <0.052 <0.052 <0.052 <0.052 <0.052 <0.052 <0.052 <0.052 <0.054 	40.052. 40.052 40.052 40.520 40.052 40.052 40.052 26 .0.366 40.052 40.052	.0.052 .0.52d .0.052 .0.052 .0.052		11.
22 22	.052 .052 .052	.<0.052 34 .<0.052 .<0.052	.0.052 .0.052 03 .0.052 .0.052	
	, 40.052 28 .40.052	.0.052 .0.052 .0.052 .0.052 .0.052 .0.052	.0.052 .0.052 .0.052 .0.052 .0.052 .0.052 .0.052 .0.052 .0.052 .0.052 .0.052 .0.052	.co.063 09 .co.052

Figure C-23 ENDRIN CONCENTRATIONS (ug/I) TASK 4, 4th QUARTER ALLUVIAL AQUIFER SOURCE: ESE, 1987

			— Z-	0 % % 1 Mile
20	59	32	05	80
, 00083 0.0833	30	0.063 31	.0.345 6.043 6.043 6.043	. 40.083
. 68.052 24 . co.052	.0.052 .0.052 .0.052 .0.052	.0.052 co.052 .0.052 .0.052 .0.052	.co.260 01 .co.052	12 (0.083
.0.052 23 .0.052 .0.052 .0.052	.0.052 .0.052 26 .0.309 .0.28 .0.052 .0.052	.0.052	.0.052 .0.05 <u>2</u>	.0.063
.40.052	. 0	.<0.052 34	.0.052 .0.052 0.33	
	\$0.052 28	\$0.052 \$0.052 \$33 \$0.052 \$0.052	`.0.052 .0.052 04	. <0.052 09

Figure C-24 ENDRIN CONCENTRATIONS (ug/I) TASK 4, 4th QUARTER DENVER AQUIFER SOURCE: ESE, 1987

			- Z	0 % % 1 Mile
20	29	, co.070 32	05	. <0.070
6	30.070	·«0.070 31	, <0.070 , <0.070 0.6	.40.070
.40.14040.070 .40.070	.40.070 25 40.070 .40.070	0	0.070	
.0.070 .0.070 .0.070 .0.070 .0.070 .0.070 .0.070 .0.070	 <0.070. <0.700 <0.070 <0.700 <0.070 <0.700 <0.070 <0.070 <0.070 <0.070 <0.700 <0.700 	.40.070 .40.070 .40.070 .40.070 .35 .40.070 .40.070 .40.070		11.
22	.0.35 .0.35	.<0.070 34 .<0.070.<0.070	03 03 0.070 0.070	
	28 .co.070	.0.070 .0.070 .0.070 .0.070 .0.070 .0.070	04 (0.070 0.070 (0.070 0.070 (0.070 0.070 0.070 0.070 0.070 0.070	.<0.070.<0.070 09 .<0.070

Figure C-25 DDT CONCENTRATIONS (ug/l) TASK 4, 3rd QUARTER ALLUVIAL AQUIFER SOURCE: ESE, 1987

·			-Z-	0 % % 1 Mile
50	29	32	05	80
\$8.878 \$3.070	30,070	\$.878 \$.878 3.1	.40.878 40.878 0.06	.8.978
24 .40.070	.«0.070 .«0.878 25 .8.878 .«0.070		\$0.070 \$0.070 \$0.070 \$0.070	12 <0.070 <0.070
.0.070 23 .0.070 0.0070 .0.070 0.070	.c0.070 26 .c0.970 26 .c0.970 c0.0700	\$0.070 \$0.070 \$0.070 \$0.070 \$0.070 \$0.070	.0.070 \$3.878 \$6.878 \$0.878 \$6.878	11.
22	0,303 27 27 .0.070	.<0.070 34	03	
	28		.0.070 0.4	.<0.070 09

Figure C-26 DDT CONCENTRATIONS (ug/I) TASK 4, 3rd QUARTER DENVER AQUIFER SOURCE: ESE, 1987

			— Z	0 1/2 1 Mile
20	59	32	05	80
9	30	3.1	,40.066 ,40.086 ,06	.<0.086
. 40.070 40.070 40.070 40.070	.6.070 25 <0.066	 -0.700	.co.070 .co.070 .co.070 .co.070	. 40.396
 <0.070 <0.070 <0.070 <0.350 <0.700 <0.350 <0.400 	0.00	.60.070 co.700 .60.070 .		
0,070	\$0.070 \$0.070 \$0.070 \$0.070 \$0.070	.<0.070 34 .<0.070 .<0.070	.co.o70 .co.o70 03 .co.o70 .co.o70	
	28 .co.070	.0.070 .0.078 .0.070 .0.078 .33 .0.070 .33	04 (0.070 0.	.<0.066 09 .<0.070

Figure C-27 DDT CONCENTRATIONS (ug/I) TASK 4, 4th QUARTER ALLUVIAL AQUIFER SOURCE: ESE, 1987

				0 % % 1 Mile
20	59	32	02	80
00 00 00 00 00 00 00 00 00 00 00 00 00	30.00 98.60 0.00 0.00 0.00 0.00 0.00 0.00 0.00	<0.066 3.1	,40,330 60,086 0 0 0	0.086
.6070 .24 .0.070	.0.132 \$0.878 25 <0.066 .0.070	\$0.070	\$8.878 -co.350 01 -co.070 .co.070	12 <0.066 <0.066
<0.070<0.070<0.070<0.070<0.070<0.070<0.070<0.070	.40.070 .40.070 .40.070 .40.070 .00.070	\$6.878	.e070 .e.878 .e.878 .e.878 .e.878 .e.878 .e.878	11.
22 0000	. \$.co.070 34	.40.070 40.070 03	
	\$8.978 28	\$0.070 \$0.070 \$33 \$0.070		0.070 0.9

Figure C-28 DDT CONCENTRATIONS (ug/I) TASK 4, 4th QUARTER DENVER AQUIFER SOURCE: ESE, 1987

U.S. Army Program Manager's Office For Rocky Mountain Arsenal

Prepared for:

Aberdeen Proving Ground, Maryland

·			·					- Z -	0 ½ ½ 1 Mile
20		59		32			90		. 80
6		000 ,	×9.31	31		.9.31	. <9.31 06		.69.31
34.2 <9.31 <9.31 24 .8.31	.63.31	· · · · · · · · · · · · · · · · · · ·	(9.31 (9.31	. 17.9	<9.31 , 9.31 , 34.2 , -8.31	<9,31	·9.31 · · · · · · · · · · · · · · · · · · ·	. 49.31	
(9.31 (9.31 (9.31) (9.31) (9.31) (9.31) (9.31) (9.31)	 49.31 40.5 49.31 49.31 49.31 	. 49.31 26 .49.31 49.31 49.31	. (9.31 . (9.31 33.9 ·	35	¢9.31 ¢9.31		.9.31 02 .9.31	, 69.31	.69.31
	9.31	27 '49.31	.9.31	34			69.31	•	
		49.31			•		. 40	•	 60

Figure C-29
DCPD CONCENTRATIONS (ug/I) TASK 4,
3rd QUARTER ALLUVIAL AQUIFER
SOURCE: ESE, 1987

	·							-		Z		0 ½ ½ 1 Mile
	50		59			32			05			08
\$\$0. 250.	19.	•	30	5.5.60 5.5.60	\$ \$9.47 5.0-34	31		\$.95 5.05 5.05	90 .		\$4.00 60.00 60.00	07
	24 '49.31	.69.31	\$9.31 25 \$9.31 \$9.31 25	, 9.31	<9.31 <9.31 <9.31	.e.31 36	9.31	690 173 173 173 173 173 173 173 173 173 173	3360 01	.69.31 .69.31		12 69.31 69.31
69.31	23 \$3.31 .9.31 \$3.31 .9.31	.e.31 .e.31		<9.31 <9.31	(9.31 (9.31) (9.31)	35	.e.31 .e.31,	\$ 3.31 \$ \$ 3.50 \$ \$ 3.50 \$ \$ 3.50 \$ \$ 3.50 \$ \$ 3.50 \$ 3.50	(9.31 02 (9.31 (9.31 69.31			. \$8.31
	.9.31		. 9		. 49.31	34			03			
			28			33			40		•	60

Figure C-30 DCPD CONCENTRATIONS (ug/I) TASK 4, 3rd QUARTER DENVER AQUIFER SOURCE: ESE, 1987

						•		Z-		0 1/2 1/2 1 Mile
. 50	·	59		32			05			80
00		30	. 69.31	31		. 49.31	. <9.31 06			07
31.9 <9.31 <9.31 <9.31 24 <9.31	1	· · · · · · · · · · · · · · · · · · ·	. <9.31 <9.31	. 24.3	<9.31	<9.31	·9.31 01	. 49.31		. 49.31
.9.31 23 .9.31 20.6 .9.31 .674	(9.31 23.5 (9.31 23.5 (9.31 23.5 (9.31	.e31 26 .es.31 .es.31 .es.31		35	, 69.31 , 69.31		<9.31 02 <9.31			.49.31
	9.31 9.31	27 :9.31	, <9.31	34	. <9.31		69.31			
		28		33				٠	, \$9.31	60

Figure C-31 DCPD CONCENTRATIONS (ug/I) TASK 4, 4th QUARTER ALLUVIAL AQUIFER SOURCE: ESE, 1987

		•	· Z	0 % % 1 Mile
20	29	32	80	80
60. 15.	30 8.31 8.31	\$\$ \$3.5 5.5 5.5 5.5 5.5 5.5 5.5 5.5 5.5 5.5	.9.31 0.6	
\$8.31 24 \$9.31	.9.31 .9.31 25 .9.31 .9.31	(9.31 (9.31 36 (9.31 (9.31	.e9.31 1240 01 .e9.31	12 12,93,43
(9.31) (9.31) (9.31) (9.31) (9.31) (9.31)	. (9.31 . (9.31 . (9.31 . (9.31 . (9.31	\$9.31 \$9.31 \$9.31 \$9.31 \$9.31 \$9.31	69.31 69.31 69.31 69.31 02.69.31 69.31	.9.31
. 22	. %	.9.31 3.4	.9.31 .9.31 0.3	
	28 93.33	. 33	. 40	60

Figure C-32 DCPD CONCENTRATIONS (ug/l) TASK 4, 4th QUARTER DENVER AQUIFER SOURCE: ESE, 1987

				0 1/2 1/2 1 Mile
20	29	. 32	. 05	.80
6	30	31	, 12.9 , <12.9	07
612.9 •12.9 •12.9 24 ° •12.9	(12.9(12.9(12.9(12.9(12.9	. '<12.9 . <12.9 . <12.9 . <12.9 . <12.9 . <12.9 . <12.9	12.9	. 12.9
 <12.9 	(12.9 . <12.9 . <12.9 . <12.9 . <12.9 . <12.9 . <12.9 . <12.9 . <12.9 . <12.9 . <12.9 . <12.9 . <12.9 . <12.9 . <12.9 . <12.9 . <12.9 . <12.9 . <12.9 . <12.9 . <12.9 . <12.9 . <12.9 . <12.9 . <12.9 . <12.9 . <12.9 . <12.9 . <12.9 . <12.9 . <12.9 . <12.9 . <12.9 . <12.9 . <12.9 . <12.9 . <12.9 . <12.9 . <12.9 . <12.9 . <12.9 . <12.9 . <12.9 . <12.9 . <12.9 . <12.9 . <12.9 . <12.9 . <12.9 . <12.9 . <12.9 . <12.9 . <12.9 . <12.9 . <12.9 . <12.9 . <12.9 . <12.9 . <12.9 . <12.9 . <12.9 . <12.9 . <12.9 . <12.9 . <12.9 . <12.9 . <12.9 . <12.9 . <12.9 . <12.9 . <12.9 . <12.9 . <12.9 . <12.9 . <12.9 . <12.9 . <12.9 . <12.9 . <12.9 . <12.9 . <12.9 . <12.9 . <12.9 . <12.9 . <12.9 . <12.9 . <12.9 . <12.9 . <12.9 . <12.9 . <12.9 . <12.9 . <12.9 . <12.9 . <12.9 . <12.9 . <12.9 . <12.9 . <12.9 . <12.9 . <12.9 . <12.9 . <12.9 . <12.9 . <12.9 . <12.9 . <12.9 . <12.9 . <12.9 . <12.9 . <12.9 . <12.9 . <12.9 . <12.9 . <12.9 . <12.9 . <12.9 . <12.9 . <12.9 . <12.9 . <12.9 . <12.9 . <12.9 . <12.9 . <12.9 . <12.9 . <12.9 . <12.9 . <12.9 . <12.9 . <12.9 . <12.9 . <12.9 . <12.9 . <12.9 . <12.9 . <12.9 . <12.9 . <12.9 . <12.9 . <12.9 . <12.9 . <12.9 . <12.9 . <12.9 . <12.9 . <12.9 . <12.9 . <12.9 . <12.9 . <12.9 . <12.9 . <12.9 . <12.9 . <12.9 . <12.9 . <12.9 . <12.9 . <12.9 . <12.9 . <12.9 . <12.9 . <12.9 . <12.9 . <12.9 . <12.9 . <12.9 . <12.9 . <12.9 . <12.9 . <12.9 . <12.9 . <12.9 . <12.9 . <12.9 . <12.9 . <12.9 . <12.9 . <12.9 . <12.9 . <12.9 . <12.9 . <12.9 . <12.9 . <12.9 . <12.9 . <12.9 . <12.9 . <12.9 . <12.9 . <12.9 . <12.9 . <12.9 . <12.9 . <12.9 . <12.9 . <12.9 . <12.9 . <12.9 . <12.9 . <12.9 . <12.9 . <12.9 . <12.9 . <12.9 . <12.9 . <12.9 . <12.9 . <12.9 . <12.9 . <12.9 . <12.9 . <12.9 . <12.9 . <12.9 . <12.9 . <12.9 . <12.9 . <12.9 . <12.9 . <12.9 . <12.9 . <12.9 . <12.9 . <12.9 . <12.9 . <12.9 . <12.9 . <12.9 . <12.9 . <12.9 . <12.9 . <12.9 . <12.9 . <12.9 . <12.9 . <12.9 . <12.9 . <12.9 . <12.9 . <12.9 . <12.9 . <12.9 . <12.9 . <12.9 . <12.9 . <12.9 . <12.9 . <12.9 . <12.9 . <12.9 . <12.9 . <12.9 . <12.9 . <12.9 . <12.9	. 12.9 . 12.9 . 12.9		11.
2.5.9 2.5.9	12.9 12.9 12.9 27 12.9			
	412.9			

Figure C-33 MIBK CONCENTRATIONS (ug/I) TASK 4, 3rd QUARTER ALLUVIAL AQUIFER SOURCE: ESE, 1987

									-	Z		0 % % 1 Mile
	20		29		•	32			05			80
512.9	. 61		30	*12.9 <12.9		31		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	90		12.9 12.9	07
	24 <12.9	. 12.8	<12.9 25 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12	<12.9	<12.9 <12.9 <12.9	12.9 36	, 12.9 , 12.9		\$12.9 \$12.9	×(12.9		12 <12:9 <12:9
<12.9	 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 	<12.9	26 . <12.9 26 . <12.9 <12.9	<12.9 <12.9	<12.9 <12.9 <12.9 <12.9 <12.9	35	<12.9 <12.9	<12.9 < 2.9	(12.9 02 × 12.9 × 12.9 × 12.9	•		11.3
	22			<12.9	· 12.9	34			03			
			2,5 2,8 1,2,9 2,8	2		33		•	04			60

Figure C-34 MIBK CONCENTRATIONS (ug/I) TASK 4, 3rd QUARTER DENVER AQUIFER SOURCE: ESE, 1987

	1		·	. II
20	29	32	05	80
6	30	· 12.9 31	. 12.9 . <12.9 . 06	07
	12.912.912.912.9		011.9	12.12.12.9
<12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9	(12.9 . (12.9	 <12.9 <12.9 <12.9 <12.9 <12.9 		11.
7:412.9 7:412.9 22	12.9 12.9 12.9	. 12.9 34 	. 12.9	
	28		. 04	

Figure C-35 MIBK CONCENTRATIONS (ug/I) TASK 4, 4th QUARTER ALLUVIAL AQUIFER SOURCE: ESE, 1987

Prepared for:
U.S. Army Program Manager's Office
For Rocky Mountain Arsenal
Aberdeen Proving Ground, Maryland

			-Z-	0 1/4 1/2 1 Mile
20	29	32	05	80
. ^ <u>. ^ . </u>	30	\$\\\^{\{2.9}}	412.9 412.9 0.6	. <12.9
. <12.9 <12.9 24 <12.9	12.9 12.9 25 12.9 12.9 25 12.9	\$\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	 12.9 12.9 12.9 12.9 12.9 12.9 12.9 12.9 12.9 	<12.9 <12.9
<12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9 <12.9	. 12.9 . 12.9 . 12.9 . 12.9 . 12.9	(12.9 (12.9 (12.9 (12.9 (12.9 (12.9		11
75	(12.9 (12.9 27 27 (12.9	34	- 12.9 - 12.9 - 03	
	28 28	. 33	. 04	

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For Rocky Mountain Arsenal
Aberdeen Proving Ground, Marylend

Figure C-36 MIBK CONCENTRATIONS (ug/I) TASK 4, 4th QUARTER DENVER AQUIFER SOURCE: ESE, 1987

			— Z—	, , , , , , , , , , , , , , , , , , ,
20	29	. 32	05	.80
. 19	30	čo.130 31	.40.130 .40.130 .06	.07
7.25	.0.130 .0.130 25 .0.130 .0.130		16.1	12 <0.130
 <0.130 <0.130 <0.130 <0.130 <0.130 <0.130 <0.130 	(0.130, <0.130, <0.130, <0.130, <0.130, <0.130, <0.130, <0.130, <0.130, <0.130, <0.130, <0.130, <0.130, <0.130, <0.130, <0.130, <0.130, <0.130, <0.130, <0.130, <0.130, <0.130, <0.130, <0.130, <0.130, <0.130, <0.130, <0.130, <0.130, <0.130, <0.130, <0.130, <0.130, <0.130, <0.130, <0.130, <0.130, <0.130, <0.130, <0.130, <0.130, <0.130, <0.130, <0.130, <0.130, <0.130, <0.130, <0.130, <0.130, <0.130, <0.130, <0.130, <0.130, <0.130, <0.130, <0.130, <0.130, <0.130, <0.130, <0.130, <0.130, <0.130, <0.130, <0.130, <0.130, <0.130, <0.130, <0.130, <0.130, <0.130, <0.130, <0.130, <0.130, <0.130, <0.130, <0.130, <0.130, <0.130, <0.130, <0.130, <0.130, <0.130, <0.130, <0.130, <0.130, <0.130, <0.130, <0.130, <0.130, <0.130, <0.130, <0.130, <0.130, <0.130, <0.130, <0.130, <0.130, <0.130, <0.130, <0.130, <0.130, <0.130, <0.130, <0.130, <0.130, <0.130, <0.130, <0.130, <0.130, <0.130, <0.130, <0.130, <0.130, <0.130, <0.130, <0.130, <0.130, <0.130, <0.130, <0.130, <0.130, <0.130, <0.130, <0.130, <0.130, <0.130, <0.130, <0.130, <0.130, <0.130, <0.130, <0.130, <0.130, <0.130, <0.130, <0.130, <0.130, <0.130, <0.130, <0.130, <0.130, <0.130, <0.130, <0.130, <0.130, <0.130, <0.130, <0.130, <0.130, <0.130, <0.130, <0.130, <0.130, <0.130, <0.130, <0.130, <0.130, <0.130, <0.130, <0.130, <0.130, <0.130, <0.130, <0.130, <0.130, <0.130, <0.130, <0.130, <0.130, <0.130, <0.130, <0.130, <0.130, <0.130, <0.130, <0.130, <0.130, <0.130, <0.130, <0.130, <0.130, <0.130, <0.130, <0.130, <0.130, <0.130, <0.130, <0.130, <0.130, <0.130, <0.130, <0.130, <0.130, <0.130, <0.130, <0.130, <0.130, <0.130, <0.130, <0.130, <0.130, <0.130, <0.130, <0.130, <0.130, <0.130, <0.130, <0.130, <0.130, <0.130, <0.130, <0.130, <0.130, <0.130, <0.130, <0.130, <0.130, <0.130, <0.130, <0.130, <0.130, <0.130, <0.130, <0.130, <0.130, <0.130, <0.130, <0.130, <0.130, <0.130, <0.130, <0.130, <0.130, <0.130, <0.130, <0.130, <0.130, <0.130, <0.130, <0.130, <0.130, <0.130, <0.130, <0.130, <0.130, <0.130, <0.130, <0.130, <0.130, <0.130, <0.130, <0.130, <0.130, <0.130, <0.130, <0.130			.0.130
1330	.0.130 .0.130 .0.130 .0.130 .0.130	.0.130 34 .0.130 .0.130	. 40.9	
	, 40.130		04 (0.130 (0.130) 1.04 (0.130)	.0.130.0.130 09 .0.130

Figure C-37 DBCP CONCENTRATIONS (ug/I) TASK 4, 3rd QUARTER ALLUVIAL AQUIFER SOURCE: ESE, 1987

Prepared for:
U.S. Army Program Manager's Office
For Rocky Mountain Arsenal
Aberdeen Proving Ground, Marylend

	20			000	67			32			05			80
\$6:138 \$6:138	. 61			. 6	2	\$0.130 \$6.130	<0.130 <0.130	31		40,130	90		\$60.130 \$60.130	20
	24 .0.130		.0.130	\$0.130 of \$0.130	<0.130 &3 <0.130	<0.130	-6.138 <0.136	.0.130 36	0.130	0.00	.co.130 01	.<0.130		, 12 , 6.138
<0.130	.co.130 23	.0.130 .0.130 .0.130 .0.130	.40.130	.co.130	40.130 40.130	<0.130 <0.130	\$6.138 \$0.130 \$6.136 \$6.136	35 6.130	.co.130 co.130	-0.130 . -0.130 . -	.6.138 02 .6.138			11.
		22 .0.130		, 00.130 , 00.130	•	<0.130	.<0.130	34			03			
					, 00.130 , 00.130 , 00.130	67	.0.130 .0.130	33	.co.130 .co.130		<0.130 04		.<0.130	60

Figure C-38 DBCP CONCENTRATIONS (ug/l) TASK 4, 3rd QUARTER DENVER AQUIFER SOURCE: ESE, 1987

Prepared for:
U.S. Army Program Manager's Office
For Rocky Mountain Arsenal
Aberdeen Proving Ground, Marylend

		<0.130	5.5			
	.6.149 22 22 .6.130	 <0.130 <0.260 <0.130 <0.130 <0.130 	24 .40.130	. 19	20	
	61 .130	60	. <0.130			
 <0.130 <0.130 	.40.130	.co.130 26 .co.130 co.130		30	53	
.<0.130		, co.130	<0.130 . <0.130 <0.130	.0.130		
0.306 0.130 0.604 0.130 33		, 40.130 35	· 0.191 36	31	32	
5.46	-0.130 -0.130		1.1 1.07			
\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$			13.2	¢0.130		
. <0.130 . <0.130 . <0.130 . <0.130	.co.130 co.13a	.40.130 OZ .40.130	°0.178 01	. <0.130 06	05	
0.136 0.136 0.136	,46.7 ,<0.130		.<0.130 . <0.130			- Z
. 40.130						
.40.130		11	12 .00.130		80	0 1/4 1/2 1 Mile
			1		And the state of t	

Figure C-39 DBCP CONCENTRATIONS (ug/I) TASK 4, 4th QUARTER ALLUVIAL AQUIFER SOURCE: ESE, 1987

						·			Ι-		Z		% % 0
	20			29			32			05			80
99	19			30	*0.130 <0.130	.0.130 .0.130	31		. 60.138	90		\$0.130 00.130	20
60.130 60.130	24 .0.130		.40.130	-8:138 25 -8:138	.co.130	.0.130 <0.130	.0.130 36	, <0.130 , <0.130	\$0.280 \$0.130	-0.130 01	-0.130 -0.130		12 .0.130 0.353
,0.13ô	<0.130 23	.0.130 .0.130 .0.130	.0.130	. 40.130 26 . 40.130 40.130	.0.130 co.130	\$0.130 \$0.130 \$0.130 \$0.130	35 60:136	40.130 40.130	. 60.130 . 60.130 . 60.130	6.130 02 6.138 6.130 02 6.138	.c.130		.0.130
		22			. <0.130	.<0.130	34		40.130 40.130	03			
				60.130	28		33	.co.130 .co.130	<0.130 <0.130	40		.<0.130	60

Figure C-40 DBCP CONCENTRATIONS (ug/I) TASK 4, 4th QUARTER DENVER AQUIFER SOURCE: ESE, 1987

Prepared for:
U.S. Army Program Manager's Office
For Rocky Mountain Arsenal
Aberdeen Proving Ground, Maryland

				7/ 2/
20	29	. 32	05	.80
. 6	30	·15.2 31	. 15.2 . 15.2 . 06	07
. 15.2 15.2	<15.2 <15.2 <15.2 <15.2 <15.2 <15.2	<15.2 <15.2 <15.2	<15.2	12 <15.2
 <15.2 	(15.2 (15.2	<15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2		11 .15.2
	415.2		<15.2 03	
	<15.2 . 28	. 33	. 40	. <15.2

Prepared for:
U.S. Army Program Manager's Office
For Rocky Mountain Arsenal
Aberdeen Proving Ground, Merylend

Figure C-41 DMMP CONCENTRATIONS (ug/l) TASK 4, 3rd QUARTER ALLUVIAL AQUIFER SOURCE: ESE, 1987

								4 72		0 1/4 1/2 1 Mile
20		29			32		05			80
\$15.2 19.		30	* ^ ^ 5.7.5 5.5.5 5.2.5	<15.2 <15.2	31		22 22 22 27 7	8	∴	07
24 .15.2	.452	45.2 25 45.2 .	· <15.2	<15.2 <15.2 <15.2	<15.2 36	<15.2 <15.2	45.2 45.2	15.2 2.3 2.5 2.5 2.5 2.5 2.5 2.5 2.5 2.5 2.5 2.5		4852 5822
<15.2 23	(15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2	01	<15.2 <15.2	<15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2	35	·15.2 <15.2	45.2 45.2 45.2 65.2	45.2 45.2 45.2 45.2		11.
	.415.2		<15.2	·15.2	34		۶0	3		
		25.52 2.55.22	07		33		. 40	,		60

Figure C-42 DMMP CONCENTRATIONS (ug/I) TASK 4, 3rd QUARTER DENVER AQUIFER SOURCE: ESE, 1987

			~ 7	0 % % 1 Mile
20	29	32	05	80
19	30	·15.2 31	, 15.2 , <15.2 06	. 15.2
\$15.2 <15.2 \$15.2 <15.2 24 \$15.2	<15.2<15.2<15.2<15.2<15.2	 <15.2 <15.2 <15.2 <15.2 36 <20.3 <15.2 <15.2 <15.2 <15.2 <15.2 	15.2	12 .15.2
<15.2 23 <15.2 23 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2	<15.2	15.2 15.2 35 15.2 15.2		11
	<15.2 <15.2 <15.2 <15.2 <15.2 <27 <15.2 <15.2 <15.2 <15.2 <15.2	<15.2 34 <15.2 <15.2	.15.2 .15.2 03 .15.2 .15.2 .15.2	
	415.2 28 415.2	**************************************	(15.2 (15.2	. 09

Figure C-43 DMMP CONCENTRATIONS (ug/l) TASK 4, 4th QUARTER ALLUVIAL AQUIFER SOURCE: ESE, 1987

'000 000			<15.2				
19 20 20 20 20 20 20 20 2							
182 182		\	23		19	20	
182 182		22	·15.2				
1822 1822 1822 1822 1822 1823			<15.2	·<15.2			
1 1 1 1 1 1 1 1 1 1							
11 12 152	15:2		26 . <15.2	25	30	29	
182 182	78		<15.2 <15.2	·15.2	15.5 25.2		
33 34 35 (182 36 31 32 32 32 31 32 32 31 32 32 31 32 32 31 32 32 31 32 32 31 32 32 31 32 32 31 32 32 31 32 32 31 32 32 31 32 32 31 32 32 31 32 32 31 32 32 31 32 32 31 32 32 31 32 32 31 32 32 31 31 31 31 31 31 31 31 31 31 31 31 31		.<15.2	.⊽		• •15.2 •15.2		
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	33	34			31	32	
5.2 (15.2 17 17 17 17 17 17 17 1	<15.2		< 15.2	. <15.2			
15.2 (<15.2	<15.2			
(15.2 02 (15.2 01 (15	15.2		45.2 45.2 45.2 15.2 15.2 15.2	. <u>^ .</u>	25.2 26.2		
11 12 07 08 0 % %	40		02	01	90	05	
11 12 07 08 0 14 1/2 15.2 c15.2 c15.2			×15.2				Z-
11 12 07 08 0 1/2 15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <15.2 <	· 15.2				**************************************		
	60		11	12	20	80	7, 7,

Figure C-44 DMMP CONCENTRATIONS (ug/l) TASK 4, 4th QUARTER DENVER AQUIFER SOURCE: ESE, 1987

			7-	0 1/2 1/2 1 Mile
50	59		05	•08
19	30	č10.5 31	;10.5 , <10.5 0.6	.10.5
285 · · · · · · · · · · · · · · · · · · ·	<10.5<10.5<10.5<10.5	1940 313 .10.5 . 594 36 .10.5 . 10.5 10.5	01	. 12
14.6 <10.5 23 4810 . 662 .986 . 662 .986 . 662 .986	.0 .0 26	 <10.5 54.8 1940 <10.5 <10.5 <10.5 		. 10.5
	29.1 10.5 10.5 27 43.6 10.5		<10.5 03 · 10.5	
	<10.5	. 33		

Figure C-45 DIMP CONCENTRATIONS (ug/I) TASK 4, 3rd QUARTER ALLUVIAL AQUIFER SOURCE: ESE, 1987

					·							2 1
	20		29			32			05			80
18.55	. 61		. 30	, v 00, v 00, v		31			90		*^ ^ 00 00 00	20
	24 .10.5	.10.5	10.5 25 10.5	<10.5	\$10.5 \$10.5	. 10.5 36	, <10.5	, v.	10.5 01 ×10.5	<10.5 <10.5 <10.5		12 (10.5
33.4	<10.523<10.5<10.5	<10.5 <10.5 <10.5 <10.5 <10.5		80.5 207	10100 10100 10100 100.55	35 410.5	10.510.5	<10.5 <10.5 <10.5 <10.5 <10.5 <10.5 <10.5 <10.5 <10.5 <10.5 <10.5 <10.5 <10.5 <10.5 <10.5 <10.5 <10.5 <10.5 <10.5 <10.5 <10.5 <10.5 <10.5 <10.5 <10.5 <10.5 <10.5 <10.5 <10.5 <10.5 <10.5 <10.5 <10.5 <10.5 <10.5 <10.5 <10.5 <10.5 <10.5 <10.5 <10.5 <10.5 <10.5 <10.5 <10.5 <10.5 <10.5 <10.5 <10.5 <10.5 <10.5 <10.5 <10.5 <10.5 <10.5 <10.5 <10.5 <10.5 <10.5 <10.5 <10.5 <10.5 <10.5 <10.5 <10.5 <10.5 <10.5 <10.5 <10.5 <10.5 <10.5 <10.5 <10.5 <10.5 <10.5 <10.5 <10.5 <10.5 <10.5 <10.5 <10.5 <10.5 <10.5 <10.5 <10.5 <10.5 <10.5 <10.5 <10.5 <10.5 <10.5 <10.5 <10.5 <10.5 <10.5 <10.5 <10.5 <10.5 <10.5 <10.5 <10.5 <10.5 <10.5 <10.5 <10.5 <10.5 <10.5 <10.5 <10.5 <10.5 <10.5 <10.5 <10.5 <10.5 <10.5 <10.5 <10.5 <10.5 <10.5 <10.5 <10.5 <10.5 <10.5 <10.5 <10.5 <10.5 <10.5 <10.5 <10.5 <10.5 <10.5 <10.5 <10.5 <10.5 <10.5 <10.5 <10.5 <10.5 <10.5 <10.5 <10.5 <10.5 <10.5 <10.5 <10.5 <10.5 <10.5 <10.5 <10.5 <10.5 <10.5 <10.5 <10.5 <10.5 <10.5 <10.5 <10.5 <10.5 <10.5 <10.5 <10.5 <10.5 <10.5 <10.5 <10.5 <10.5 <10.5 <10.5 <10.5 <10.5 <10.5 <10.5 <10.5 <10.5 <10.5 <10.5 <10.5 <10.5 <10.5 <10.5 <10.5 <10.5 <10.5 <10.5 <10.5 <10.5 <10.5 <10.5 <10.5 <10.5 <10.5 <10.5 <10.5 <10.5 <10.5 <10.5 <10.5 <10.5 <10.5 <10.5 <10.5 <10.5 <10.5 <10.5 <10.5 <10.5 <10.5 <10.5 <10.5 <10.5 <10.5 <10.5 <10.5 <10.5 <10.5 <10.5 <10.5 <10.5 <10.5 <10.5 <10.5 <10.5 <10.5 <10.5 <10.5 <10.5 <10.5 <10.5 <10.5 <10.5 <10.5 <10.5 <10.5 <10.5 <10.5 <10.5 <10.5 <10.5 <10.5 <10.5 <10.5 <10.5 <10.5 <10.5 <10.5 <10.5 <10.5 <10.5 <10.5 <10.5 <10.5 <10.5 <10.5 <10.5 <10.5 <10.5 <10.5 <10.5 <10.5 <10.5 <10.5 <10.5 <10.5 <10.5 <10.5 <10.5 <10.5 <10.5 <10.5 <10.5 <10.5 <10.5 <10.5 <10.5 <10.5 <10.5 <10.5 <10.5 <10.5 <10.5 <10.5 <10.5 <10.5 <10.5 <10.5 <10.5 <10.5 <10.5 <10.5 <10.5 <10.5 <10.5 <10.5 <10.5 <10.5 <10.5 <10.5 <10.5 <10.5 <10.5 <10.5 <10.5 <10.5 <10.5 <10.5 <10.5 <10.5 <10.5 <10.5 <10.5 <10.5 <10.5 <10.5 <10.5 <10.5 <10.5 <10.5 <10.5 <10.5 <10.5 <10.5 <10.5 <10.5 <10.5 <10.5 <10.5 <10.5 <10.5 <10.5 <10.5 <10.5 <10.5 <10.5 <10.5 <10.5 <10.5 <10.5 <10.5 <10.5 <10.5 <10.5	10.5 02 (10.5 (10.			11.
	22		48.5 27	<10.5	.10.5	34			03			
			0.00	788		33		•	04			60

Figure C–46 DIMP CONCENTRATIONS (ug/l) TASK 4, 3rd QUARTER DENVER AQUIFER SOURCE: ESE, 1987

Prepared for:
U.S. Army Program Manager's Office
For Rocky Mountain Arsenal
Aberdeen Proving Ground, Merylend

			Z	0 % % 1 Mile
20	29	32	05	80
6.	30	č10.5 31	, <10.5 , <10.5 06	.<10.5
298 <10.5 183 <10.5 24 <10.5	<10.5 <10.5 <10.5 <10.5 <10.5	. 1370 . 584 . 36 . 10.5 . 43.3 . 10.5 10.5	10.5	. 12
19.i <10.5 23 4690 . 1050 . 599 . 1060	126 321 185. 588 18.5 18.5	<10.52520<10.5<10.5<10.5		. 11.5
::<10,5 :10,5 22	27 37 10.5	. 10.5 34 . 10.5 . 10.5	<10.5 <10.5 0.3 <10.5 <10.5 <10.5 <10.5	
	410.5 410.5	*10.5 *10.5 *10.5 *10.5 *10.5 *3.3	(10.5 (10.5 (10.5) (10.	

Figure C-47 DIMP CONCENTRATIONS (ug/I) TASK 4, 4th QUARTER ALLUVIAL AQUIFER SOURCE: ESE, 1987

	20			29			32			05			80
^^ 000 avs.	. 19			30	. 0.0 8.00 8.00	**************************************	31	·	10.5 5.0.5 5.0.5	90		\$00 \$00 \$00	20
*10.5 *10.5	24 <10.5		×10.5	(10.5 25 (10.5)	.10.5	<10.5 <10.5 <10.5	·10.5 36	,<10.5 ,<10.5	 00 00 00	·10.5 01	<10.5 <10.5		12 <18.5 \$18.5
37.9	410.5	\$10.5 \$10.5 \$10.5	<10.5	, 10.5 26 , \$10.5	1810 87 273	10100	35 <10.5	<10.5 <10.5	*10.5 *10.5 *10.5 *10.5	\$10.5 \$10.5 \$10.5	\$10.5		11.
		22 .10.5		10.527	. ₹	<10.5	34		<10.5 <10.5	03			
				. O.C.	28	<10.5	33	<10.5	.10.5	40		.<10.5	60

Figure C-48 DIMP CONCENTRATIONS (ug/I) TASK 4, 4th QUARTER DENVER AQUIFER SOURCE: ESE, 1987

Prepared for:
U.S. Army Program Manager's Office
For Rocky Mountain Arsenal
Aberdeen Proving Ground, Marylend

		·	7	2 7
50	29	. 32	05	. 80
19	30	`<1 <i>.77</i>	77.15°. 77.17.	70
`<1.77 <1.77 <1.77 24 `<1.77	'<1.77 <i.77 25="" <1.77="" <1.77<="" td=""><td> <1.77 <1.77 <1.77 <1.77 <1.77 <1.77 <1.77 <1.77 </td><td>77.15 10 77.15 77.15 77.15</td><td>. 12</td></i.77>	 <1.77 <1.77 <1.77 <1.77 <1.77 <1.77 <1.77 <1.77 	77.15 10 77.15 77.15 77.15	. 12
\$\frac{41.77}{\$\cdot 41.77}\$ \$\frac{23}{\$\cdot 41.77}\$ \$\frac{41.77}{\$\cdot 41.77}\$ \$\frac{41.77}{\$\cdo	41.77 . 41.77 41.77	35 (4.77 (41.77	:4.77 :4.77 02:4.77	11.51.57
	27 (1.77) (1.77) (1.77) (1.77)	34 34 	03	
	41.77			

Figure C-49
DMDS CONCENTRATIONS (ug/I) TASK 4,
3rd QUARTER ALLUVIAL AQUIFER
SOUNCE: ESE, 1987

Prepared for:
U.S. Army Program Manager's Office
For Rocky Mountain Arsenal
Aberdeen Proving Ground, Merylend

			- Z	0 % % 1 Mile
20	29	32	05	80
.\$1.77 19·	30.	51. <i>77</i> 31	90	.\$1.77 07
24 '<1.77	:1.77 : 1.77 25 \$1.77 :1.77		41.77 10 77.17 77.15	.12
41.77 c1.77 2.3 c1.77 c1.77 c1.77	26 31.77 31.77 26 31.77 31.77 31.77	\$4.77 \$4.77 \$5 \$4.77	4.77 4.77 4.77 92.4.77	11 .a.,77
22	. 4:77 27 71.10	.*1.77 34	03	
	28 28	. 33	. 40	

Figure C-50 DMDS CONCENTRATIONS (ug/l) TASK 4, 3rd QUARTER DENVER AQUIFER SOURCE: ESE, 1987

	·	-	-Z-	0 %
. 20	29	32	. 05	80
. 19	30	31	, 1.70 , 1.70 06	07.15
\$4.77 <41.77 <41.77 24 '<1.77	 <1.77 <1.77 <1.70 <1.77 	41.77	01	. 12
41.77 23 41.77 41.77 41.77 41.77 41.77 41.77	41.77 . 41.77 41.77 . 10 . 41.77 41.77 . 26 . 41.77 61.77 . 26 . 41.77	. c1.77 c1.77 35 c1.77		11.4.70
	41.77 41.77 41.77 41.77 27 41.77 27 41.77 5.1.77 5.1.77 5.1.77	34		
	4i.77		. 04	

Figure C-51 DMDS CONCENTRATIONS (ug/I) TASK 4, 4th QUARTER ALLUVIAL AQUIFER SOURCE: ESE, 1987

Prepared for:
U.S. Army Program Manager's Office
For Rocky Mountain Arsenal
Aberdeen Proving Ground, Marylend

			- Z -	0 1/2 1/2 1 Mile
20	59	32	05	08
19	30	<1.70 31	94.7%	. <1.70
\$1.77 24 `<1.77	4.77 25 \$1.77 in	4.77 4.77 4.77 36 1.77 1.17	4:77 10 77.15	
'4.77 2.3 '4.77 '4.77 '4.77 '4.77 '4.77	26 . 41.77 26 . 41.77 41.77 . 41.77	\$\frac{41.77}{41.77}\$ \$\frac{41.77}{41.77}\$ \$35	4.77 4.37 4.37 02 4.37 4.37	11.11.70
22	27 27 27	34	61.77 61.77 03	·
	28	. 33	. 40	60
;				

Figure C-52 DMDS CONCENTRATIONS (ug/l) TASK 4, 4th QUARTER DENVER AQUIFER SOURCE: ESE, 1987

		·		2
50	29	. 35	05	.80
	30	č1.61 31	, 1.61 , <1.61 0.6	07.
. (1.61 (1.61 (1.61 24 (1.61	<1.61<1.61<1.61<1.61	. 40.6 . 133 . 56 . 32.6 . 1.61 . 1.61	96	. 12
41.61 23 2.35 3.64 3.71 3.14 7.75	41.61 . 3.36 . 15.4 2.6 . 41.61 41.61 41.61 . 26 .5.35 41.61	 <1.61 <1.61 <1.61 <1.61 <1.61 <1.61 		11.61
11.61	41.61 41.61 41.61 27 41.61	. 34 	1.61	
	41.61		. 04	

Figure C-53
OXATHIANE CONCENTRATIONS (ug/I) TASK 4
3rd QUARTER ALLUVIAL AQUIFER
SOURCE: ESE, 1987

Prepared for:
U.S. Army Program Manager's Office
For Rocky Mountain Arsenal
Aberdeen Proving Ground, Maryland

								Z	0 1/4 1/2 1 Mile
20		53			32		05		80
19.		. 08		 @@	31		1.61.61 0.61.61		 07
24 '<1.61	1917	(1.61 25 (1.61	ر1.61		*1.61 36	*<1.61 *<1.61	4.31 01	.<1.61	
. 41.61 . 41.61	(1.6] (1.61 (1.61 (1.61	26 . 31.81 26 . 31.81	32.8 <1.61		35	, 1.61 <1.61,	(1.61 (4).61 (4).61 (4).61 (02)		1.61
			<1.61	.*1.61	34		03	-	
			22		33	•	04		60

Prepared for:
U.S. Army Program Manager's Office
For Rocky Mountain Arsenal
Aberdeen Proving Ground, Merylend

Figure C-54 OXATHIANE CONCENTRATIONS (ug/I) TASK 4 3rd QUARTER DENVER AQUIFER SOURCE: ESE, 1987

				0 % % 1 Mile
20	29	32	05	80
. 19	30	·1.40 31	. <1.40 . <1.40 . 06	07 .1.40
41.61 <1.61 <1.81 <1.81 24 <1.61	1.61251.401.61		5.41 <1.61 01 <1.61 . <1.61	.12
<1.61 <1.61 <1.61.94 6.9 <1.61 2.77 10.8 <1.61 17.9	(1.61 . 2.46 (1.61 . 3.4.61 (1.61 . 2.6	. 1.61 . 1.61 . 1.61 . 1.61		.:-11
	41.61 41.61 41.61 27 41.61			
	41.61	. 33		·1.40 09
				·

Figure C-55 OXATHIANE CONCENTRATIONS (ug/l) TASK 4 4th QUARTER ALLUVIAL AQUIFER SOURCE: ESE, 1987

			Z	0 % %
20	29	32	05	. 80
00 00 00 00 00 00 00 00 00 00 00 00 00	30	<1.40 31	140 140 0 .	
24 <1.61	(1.61 (1.61 25 (1.40) (1.61	1.	41.61 41.61 41.61 41.61	44. 18
 <1.61 <1.61 <1.61 <1.61 <1.61 <1.61 		34.2	(1.61 (1.61 (1.61 (1.61 (1.61	11.40
22	. ∵	34	<.1.61 <1.61 03	
	28 2.61	. 33	. 04	60
· 				

Figure C-56 OXATHIANE CONCENTRATIONS (ug/I) TASK 4 4th QUARTER DENVER AQUIFER SOURCE: ESE, 1987

Prepared for:
U.S. Army Program Manager's Office
For Rocky Mountain Arsenal
Aberdeen Proving Ground, Maryland

			:	0 % ½ 1 Mile
20	29	. 32	05	.00
O	30	31	:1.11 . (1.11 06	07.11.
4.11 4.11 24 .4.11	41.11 25 41.11 is.	329 42.8 42.8	01	. 12 1.11
41.11 41.11 23 2.85 17.8 14.7	3.2711 4.64 3.7711 3.11	35 (1.11 (1.11 88.7 (1.11 3.11 (1.11		11.5.4.11
	4.11 4.11 4.11 4.11	34	03	
	4:11			

Figure C-57 DITHIANE CONCENTRATIONS (ug/I) TASK 4 3rd QUARTER ALLUVIAL AQUIFER SOURCE: ESE, 1987

							-		Z		0 1/4 1/2 1 Mile
	20	29			32			05			08
.55	. 10	. 08	. .		31		, 0 0	90		;;;	07
	24 <1.11	.4.11 .4.31 25 4.31 .	4.11		·1.11 36	41.11	. 	. 411 01	4.11		41.7
	4.11 4.11 4.11	.4.11 .4.11 .26 . 33.31	, 2.4 342 13.6	411 345 4111 345	35	4.11	. 	4:11 °25.			4.11
	22	. 3411	. ₹	.4.11	34		·.	03			
		. ;;	28		. 33			04			60

Figure C-58 DITHIANE CONCENTRATIONS (ug/I) TASK 4 3rd QUARTER DENVER AQUIFER SOURCE: ESE, 1987

													- Z	0 1/2 1/4 1 Mile
		20				29			32			05		80
		19				30	.<1.60	<1.60	31		. 1.60	. <1.60		07.
	(4.11 4.11 (4.11 (4.11	24 .1.11		4.11		<1.11 25 <1.60		.28731	. 896	68.5 .1.11	61.4	4.11	.41.11	. 1.60
	th:	41.11 23 1.73	11.8 .91	1.99 . 11.7 5.27 54.5	. 2.93 <1.11	.41.11 26 .34.3	41.11		35	· 4.11		02	d.11	11.50
•		4441			41.11	27 .41.11	4.11		34			41.11		
						11,12	. 78					. 40	•	 60

Figure C–59 DITHIANE CONCENTRATIONS (ug/I) TASK 4 4th QUARTER ALLUVIAL AQUIFER SOURCE: ESE, 1987

				2, % 0
20	29	32	05	80
6. 	30 66. 68.	<1.60 31	0.06 0.60 0.60 0.60	. 1.60
	4.11 25 4.33 in in in in		in 01	
4.11 '4.11 23 31.11 '4.11	(1.11) (1.11) 26 (3:11) (164) (14.6)	35 (311)	ं _{रना} ंश्वी श्वी श्वी ⁰² ंशी रंबा	11.41.60
22 25	. ₹	34	- 4.11 0.3	
	28 44:	33	. 40	60

Figure C-60 DITHIANE CONCENTRATIONS (ug/I) TASK 4 41h QUARTER DENVER AQUIFER SOURCE: ESE, 1987

Prepared for:
U.S. Army Program Manager's Office
For Rocky Mountain Arsenal
Aberdeen Proving Ground, Meryland

				0 1/2 1/2 1 Mile
20	29	. 32	05	.80
61	30	31	, 1.26 06	1.28
20.6 <1.26 <1.26 24 <1.26	'1.26 25 <1.26 '1.26	.2.65 . 4.51 36 14.4 .1.26 .59.6 . <1.26	41.26	. 12.4.26
41.26 41.26 2.32	<pre><1.26 . <1.26 <1.26 . <1.26 <1.26 <1.26 <1.26 <1.26 <1.26 <1.26 <1.26</pre>	 <1.26 <1.26 <1.26 <1.26 <1.26 <1.26 		. 11.26
	41.26 41.26 41.26 57 61.26		41.26	
	<1.26 . 28			

Figure C-61 CPMS CONCENTRATIONS (ug/l) TASK 4 3rd QUARTER ALLUVIAL AQUIFER SOURCE: ESE, 1987

			Z -	0 1/2 1 Mile
20	29	32	05	08
	30 .	41.26 41.26 31	06 06	41.26
24 .1.26	.1.26 .1.26 25 .1.28 .1.28	 <1.26 <1.26 <1.26 <1.26 <1.26 	.41.26 61.26 61.26 61.26 61.26	. 12 41.26 41.26
 <1.26 <1.26 <1.26 <1.26 <1.26 <1.26 <1.26 	;1.26 26 ;1.26 2.62 1.39 ;1.26	\$1.26 \$1.26 \$1.26 \$1.26 \$1.26 \$1.26 \$1.26	(1.26 (1.26	.11
22 .1.26	. 41.26 27 27 . 1.26	. 1.26 34	03	
	28 1.26 28 1.26	. 33	. 04	60

Figure C-62 CPMS CONCENTRATIONS (ug/I) TASK 4 3rd QUARTER DENVER AQUIFER SOURCE: ESE, 1987

			— Z—	0 1/4 1/2 1 Mile
20	29	32	05	80
. 19	30	31	.3.20 .3.20 .06	07.
3.22 <1.26 3.22 <1.26 24 <1.26	 1.26 1.26 2.5 3.20 1.26 		41.26	.3.20
 <1.26 <1.26 <1.26 <1.26 <1.26 <1.26 <1.26 <1.26 	41.26	. 1.26 . 1.26 . 1.26 . 1.26 . 1.26		11.
7.26	\$1.26 \$1.26 \$1.26 \$1.26 \$1.26	. 1.26 34 . 1.26	. 1.26	
	41.26			

Figure C-63 CPMS CONCENTRATIONS (ug/I) TASK 4 4th QUARTER ALLUVIAL AQUIFER SOURCE: ESE, 1987

			~~Z~~	2, 2, 0
20	29	32	05	088
19	30	3.20 3.1	43.20 0.6	<3.20
41.26 24 ·1.26	.1.26 .1.28 25 .3.26 .1.28	.1.26 .1.26 .36 .1.28	. 1.26 01	12 \$3.20 \$3.20
 <1.26 <2.3 <1.26 <1.26 <1.26 	*1.26 26 . \$1.26 *1.26 *1.26 *1.26	(1.26 (1.26 (1.26 (1.26 (1.26 (1.26 (1.26)	-1.26 -1.26	3.20
22 22	. ∜	34	<1.26 1.26</1.26</td <td></td>	
	28	. 33	. 04	60 ·

Figure C-64 CPMS CONCENTRATIONS (ug/l) TASK 4 4th QUARTER DENVER AQUIFER SOUNCE: ESE, 1987

Prepared for:
U.S. Army Program Manager's Office
For Rocky Mountain Arsenal
Aberdeen Proving Ground, Merylend

			— Z	0 1/2 1/2
20	29	. 32	05	• 00
6-	30	4.23	,4,23 ,4,23 0.6	07
122 • • • • • • • • • • • • • • • • • •	.4.23 25 <4.23 .4.23	.4.23 .4.23 .4.23 .4.23 .4.23 .4.23	4.23	. 12 .44.23
.4.23 23 .4.23 23 .4.23 4.23 .4.23 .12.4 .4.23 .12.4	44.23 • 44.23 44.23 • 44.23 • 44.23 • 44.23 • 44.23 • 44.23 • 44.23 • 44.23	.4.23 .4.23 10.2 .4.23 .4.23 .4.23		11.
	4,23 4,23 4,23 27 (4,23 4,23	. 4.23 34 . 4.23	4.23	
	44.23	. 33		

Figure C-65 CPMSO CONCENTRATIONS (ug/I) TASK 4 3rd QUARTER ALLUVIAL AQUIFER SOURCE: ESE, 1987

Prepared for: U.S. Army Program Manager's Office For Rocky Mountain Arsenal Aberdeen Proving Ground, Meryland

										·Z		% % 0
·	20		29			32			05			80
× 44.23 44.23	. 19 •		30	**************************************	-4-23 -4-23	3,1		44.23	90		<23 <4.23	07
	24 *4.23	*4.23	4.23 25 44.23	.4.23	**************************************	44.23 36	, <4.23 , <4.23	44. cie	.4.23 01	•<4.23 •<4.23		12 44.23 44.23
<4.23°	.4.23 23 .4.23 .4.23 .4.23	*4.23	.4.23 264.23	<4.23 <4.23	4.23 4.23 4.23 4.23	35	44.23 44.23.	4.23 44.23 44.23 44.23				.*4.23
	22 .4.23		44.23 44.23 27	* 4,	*4.23	34			03			
			***************************************	28		33			04		•	60

Prepared for:
U.S. Army Program Manager's Office
For Rocky Mountain Arsenal
Aberdeen Proving Ground, Meryland

1 Mile

Figure C-66 CPMSO CONCENTRATIONS (ug/I) TASK 4 3rd QUARTER DENVER AQUIFER SOURCE: ESE, 1987

				0 % % 1 Mile
20	29	32	. 02	80
19	30	*3.20 31	43.20 43.20 06	07.3.20
95.9 • • 4. 23 15.9 • 4. 23 24 • 4. 23	·4.23 25 <3.20	_ ·	.4.23 01 .4.23 .4.23	. 12
44.23 (4.23	(4.23 • (4.23) (4.23) (4.23) (4.23) (4.23) (4.23) (4.23) (4.23) (4.23) (4.23)	.4.23 .4.23 .4.23 .4.23		11.33.20
	4.23 4.23 4.23 27 4.23 4.23	. 4.23 34 . 4.23	.4.23 .4.23 0.3	
	. 28	. 33	. 04	

Figure C-67 CPMSO CONCENTRATIONS (ug/I) TASK 4 4th QUARTER ALLUVIAL AQUIFER SOURCE: ESE, 1987

									Z		0 1/2 1/2 1 Mile
20		59			32			05			08
19		30	3.203.20	• <3.20	31		\$32.0 \$3.20	90		<3.20	07
<4.23 <4.23 24 .4.23	.4.23	4.23 25 4.23	· <4.23	<4.23 <4.23 <4.23	*4.23 36	*4.23 *4.23	* 44.23 44.23	•4.23 01	•<4.23 •<4.23		\$3.20
4.23 4.23 23 4.23 4.23 4.23	*4.23	26 .4.23 c.4.23 c.4.23 c.4.23 c.4.23 c.4.23 c.4.23	67:45	4.23 <4.23 <4.23 <4.23 <4.23 <4.23 <4.23 <4.23 <4.23 <4.23 <4.23 <4.23 <4.23 <4.23 <4.23 <4.23 <4.23 <4.23 <4.23 <4.23 <4.23 <4.23 <4.23 <4.23 <4.23 <4.23 <4.23 <4.23 <4.23 <4.23 <4.23 <4.23 <4.23 <4.23 <4.23 <4.23 <4.23 <4.23 <4.23 <4.23 <4.23 <4.23 <4.23 <4.23 <4.23 <4.23 <4.23 <4.23 <4.23 <4.23 <4.23 <4.23 <4.23 <4.23 <4.23 <4.23 <4.23 <4.23 <4.23 <4.23 <4.23 <4.23 <4.23 <4.23 <4.23 <4.23 <4.23 <4.23 <4.23 <4.23 <4.23 <4.23 <4.23 <4.23 <4.23 <4.23 <4.23 <4.23 <4.23 <4.23 <4.23 <4.23 <4.23 <4.23 <4.23 <4.23 <4.23 <4.23 <4.23 <4.23 <4.23 <4.23 <4.23 <4.23 <4.23 <4.23 <4.23 <4.23 <4.23 <4.23 <4.23 <4.23 <4.23 <4.23 <4.23 <4.23 <4.23 <4.23 <4.23 <4.23 <4.23 <4.23 <4.23 <4.23 <4.23 <4.23 <4.23 <4.23 <4.23 <4.23 <4.23 <4.23 <4.23 <4.23 <4.23 <4.23 <4.23 <4.23 <4.23 <4.23 <4.23 <4.23 <4.23 <4.23 <4.23 <4.23 <4.23 <4.23 <4.23 <4.23 <4.23 <4.23 <4.23 <4.23 <4.23 <4.23 <4.23 <4.23 <4.23 <4.23 <4.23 <4.23 <4.23 <4.23 <4.23 <4.23 <4.23 <4.23 <4.23 <4.23 <4.23 <4.23 <4.23 <4.23 <4.23 <4.23 <4.23 <4.23 <4.23 <4.23 <4.23 <4.23 <4.23 <4.23 <4.23 <4.23 <4.23 <4.23 <4.23 <4.23 <4.23 <4.23 <4.23 <4.23 <4.23 <4.23 <4.23 <4.23 <4.23 <4.23 <4.23 <4.23 <4.23 <4.23 <4.23 <4.23 <4.23 <4.23 <4.23 <4.23 <4.23 <4.23 <4.23 <4.23 <4.23 <4.23 <4.23 <4.23 <4.23 <4.23 <4.23 <4.23 <4.23 <4.23 <4.23 <4.23 <4.23 <4.23 <4.23 <4.23 <4.23 <4.23 <4.23 <4.23 <4.23 <4.23 <4.23 <4.23 <4.23 <4.23 <4.23 <4.23 <4.23 <4.23 <4.23 <4.23 <4.23 <4.23 <4.23 <4.23 <4.23 <4.23 <4.23 <4.23 <4.23 <4.23 <4.23 <4.23 <4.23 <4.23 <4.23 <4.23 <4.23 <4.23 <4.23 <4.23 <4.23 <4.23 <4.23 <4.23 <4.23 <4.23 <4.23 <4.23 <4.23 <4.23 <4.23 <4.23 <4.23 <4.23 <4.23 <4.23 <4.23 <4.23 <4.23 <4.23 <4.23 <4.23 <4.23 <4.23 <4.23 <4.23 <4.23 <4.23 <4.23 <4.23 <4.23 <4.23 <4.23 <4.23 <4.23 <4.23 <4.23 <4.23 <4.23 <4.23 <4.23 <4.23 <4.23 <4.23 <4.23 <4.23 <4.23 <4.23 <4.23 <4.23 <4.23 <4.23 <4.23 <4.23 <4.23 <4.23 <4.23 <4.23 <4.23 <4.23 <4.23 <4.23 <4.23 <4.23 <4.23 <4.23 <4.23 <4.23 <4.23 <4.23 <4.23 <4.23 <4.23 <4.23 <4.23 <4.23 <4.23 <4.23 <4.23 <4.23 <4.23 <4.23 <4.23 <4.23 <4.2	35	, 4.23 , 4.23.	4.23 4.23 44.23 44.23	.4.23 02 .4.23 .4.23 4.23	.4.23		.3.20
2	(4,23	4.23 4.23 27 27		.4.23	34			03			
		4.23 44.23 28			33	•	•	40			60

Figure C-68 CPMSO CONCENTRATIONS (ug/l) TASK 4 4th QUARTER DENVER AQUIFER SOURCE: ESE, 1987

Prepared for: U.S. Army Program Manager's Office For Rocky Mountain Arsenal

Aberdeen Proving Ground, Maryland

·			— Z—	2 - Z
20	29	. 32	05	.80
6.	30 .**	.<4.66 31	,4.66 , <4.66 06	07 .
	.4.66 25 <4.66 .4.66		01	. 124.66
4.66 4.66 23 4.68 176 71.9 589 4.66 458	5.45 198 15.3 .437 4.66 .4.66 .4.664.66 .4.6666	.4.66 .4.68 257 .4.66 .35 .4.66 .4.66 .4.66 .4.66		. 4.66
	4.66 (4.66 27 (4.66			
	4,66	. 33	. 40	

Figure C-69 CPMSO2 CONCENTRATIONS (ug/l) TASK 4 3rd QUARTER ALLÜVIAL AQUIFER SOURCE: ESE, 1987

Prepared for:
U.S. Army Program Manager's Office
For Rocky Mountain Arsenal
Aberdeen Proving Ground, Meryland

1 Mile

				Z-Z-	27, %
	20	59	32	05	08
	. 19.	30 *4.66 *4.66	4.66 44.66 31	4.66 4.66 0.6	4.66
	24 '4,66	.4.66 .4.68 25 .4.66 .4.66	.4.66 .4.66 .4.66 .4.66 .4.66	.4.66 01 .4.66 .4.66	4.66 4.66
.4.66°	.4.66 .4.66 .4.66	.4.66 .4.66 .4.66 .4.66 .4.66 .4.66	,4.66 ,4.66 ,4.66 ,4.66 ,4.66 ,4.66 ,4.66	4.66 4.66 4.66 4.66 4.66 4.66 4.66 4.66	11.4.66
	22 .4.66	.*	.<4.66 34	03	
		44.66 28 28	33	. 04	

Figure C-70 CPMSO2 CONCENTRATIONS (ug/I) TASK 4 3rd QUARTER DENVER AQUIFER SOUNCE: ESE, 1987

Prepared for: U.S. Army Program Manager's Office For Rocky Mountain Arsenal Aberdeen Proving Ground, Meryland

1 Mile

				0 % % 1 Mile
20	29	32	05	80
9.	30	·2.60 31	, 42.60 , 42.60 , 06	.2.60
.12.84.66 .4.66 .4.66 .24 .4.66	.4.66 25 <2.60 .4.66	. 4,66 . 288 . 36 . 4,66 . 4,66	17.2	.2.60
44.66 23 44.66 172 -4.66 151 542 -4.66 615	5.94 . 139 13.9 4 14.66 44.66 26	.4.66 35 .4.66 .4.66		11.
	.4.66 .4.66 .4.66 .4.66 .27 .4.66 .4.66		.4.66 .4.66 03	
	4,66			. 093

Figure C-71 CPMSO2 CONCENTRATIONS (ug/l) TASK 4 4th QUARTER ALLUVIAL AQUIFER SOURCE: ESE, 1987

									-Z-		0 1/4 1/2 1 Mile
20			29			32		05			80
22. 600 600			30	<2.60 <2.60	-<2.80	31		\$26.0 \$2.60 06		. <2.60	07
.4.66 .4.66 24 .4.66		*4.66	4.66 25 44.66 •	.*4.66	*4.66 <4.66	.4.66 36	.4.66	.4.66 01	.<4.66 .<4.66		-2.60 -2.60
.4.66 .4.66 23	.4.66 .4.66 .4.66	.<4.66	.4.66 264.66 .4.66	.<4.66 .<4.66	.4.66 .4.66 .4.66 .4.66 .4.66	35 4.66	,4.66 ,4.66	.4.66 .4.66 .4.66 .4.66 .4.66 .4.66 .4.66 .4.66 .4.66			. 2.60
	22 .4.66			<4.66		34		.4.66 .4.66 03			
			44.66 44.66	97		33		. 04		•	60

Figure C-72 CPMSO2 CONCENTRATIONS (ug/I) TASK 4 4th QUARTER DENVER AQUIFER SOURCE: ESE, 1987

				0 % % 1 Mile
20	59	. 32	05	.80
6	30	č1.34 31	.1.34 .2.42 .06	07
`<1.34 <1.34 <1.34 <1.34 \qquad 24 \qquad <1.34	'<1.34 25 <1.34'	3,65 <1.34 490 27300	34	. 12
 <1.34 <1.34 <1.34 <1.34 <1.34 <1.34 <1.34 <1.34 <1.34 	(1.34 . <1.34 . 645 (1.34 . <1.34 . <1.34 . <1.34 . <1.34 . <1.34 . <1.34 . <1.34 . <1.34 . <1.34 . <1.34 . <1.34 . <1.34 . <1.34 . <1.34 . <1.34 . <1.34 . <1.34 . <1.34 . <1.34 . <1.34 . <1.34 . <1.34 . <1.34 . <1.34 . <1.34 . <1.34 . <1.34 . <1.34 . <1.34 . <1.34 . <1.34 . <1.34 . <1.34 . <1.34 . <1.34 . <1.34 . <1.34 . <1.34 . <1.34 . <1.34 . <1.34 . <1.34 . <1.34 . <1.34 . <1.34 . <1.34 . <1.34 . <1.34 . <1.34 . <1.34 . <1.34 . <1.34 . <1.34 . <1.34 . <1.34 . <1.34 . <1.34 . <1.34 . <1.34 . <1.34 . <1.34 . <1.34 . <1.34 . <1.34 . <1.34 . <1.34 . <1.34 . <1.34 . <1.34 . <1.34 . <1.34 . <1.34 . <1.34 . <1.34 . <1.34 . <1.34 . <1.34 . <1.34 . <1.34 . <1.34 . <1.34 . <1.34 . <1.34 . <1.34 . <1.34 . <1.34 . <1.34 . <1.34 . <1.34 . <1.34 . <1.34 . <1.34 . <1.34 . <1.34 . <1.34 . <1.34 . <1.34 . <1.34 . <1.34 . <1.34 . <1.34 . <1.34 . <1.34 . <1.34 . <1.34 . <1.34 . <1.34 . <1.34 . <1.34 . <1.34 . <1.34 . <1.34 . <1.34 . <1.34 . <1.34 . <1.34 . <1.34 . <1.34 . <1.34 . <1.34 . <1.34 . <1.34 . <1.34 . <1.34 . <1.34 . <1.34 . <1.34 . <1.34 . <1.34 . <1.34 . <1.34 . <1.34 . <1.34 . <1.34 . <1.34 . <1.34 . <1.34 . <1.34 . <1.34 . <1.34 . <1.34 . <1.34 . <1.34 . <1.34 . <1.34 . <1.34 . <1.34 . <1.34 . <1.34 . <1.34 . <1.34 . <1.34 . <1.34 . <1.34 . <1.34 . <1.34 . <1.34 . <1.34 . <1.34 . <1.34 . <1.34 . <1.34 . <1.34 . <1.34 . <1.34 . <1.34 . <1.34 . <1.34 . <1.34 . <1.34 . <1.34 . <1.34 . <1.34 . <1.34 . <1.34 . <1.34 . <1.34 . <1.34 . <1.34 . <1.34 . <1.34 . <1.34 . <1.34 . <1.34 . <1.34 . <1.34 . <1.34 . <1.34 . <1.34 . <1.34 . <1.34 . <1.34 . <1.34 . <1.34 . <1.34 . <1.34 . <1.34 . <1.34 . <1.34 . <1.34 . <1.34 . <1.34 . <1.34 . <1.34 . <1.34 . <1.34 . <1.34 . <1.34 . <1.34 . <1.34 . <1.34 . <1.34 . <1.34 . <1.34 . <1.34 . <1.34 . <1.34 . <1.34 . <1.34 . <1.34 . <1.34 . <1.34 . <1.34 . <1.34 . <1.34 . <1.34 . <1.34 . <1.34 . <1.34 . <1.34 . <1.34 . <1.34 . <1.34 . <1.34 . <1.34 . <1.34 . <1.34 . <1.34 . <1.34 . <1.34 . <1.34 . <1.34 . <1.34 . <1.34 . <1.34 . <1.34 . <1.34 . <1.34 . <1.34 . <1.34 . <1.34 . <1.34 . <1	 <1.34 <1.34 <1.34 <1.34 <1.34 <1.34 <1.34 <1.34 		. 11
	(1.34 (1.34 (1.34 (1.34 27 (1.34	*1.34 34 *1.34 *1.34	41.34 9.04 1.34	
	28 1.48	. 1.34 . 1.34 . 2.28 . 3.34 . 3.34 . 1.34 . 1.34	5.54 4 1.34 <1.34 5.54 <1.34 5.53 <1.34 <1.34 0.4 2.96 2.96 2.66 3.56 3.56	,1,34 ,1,34 09 ,1,34

Figure C-73 BENZENE CONCENTRATIONS (ug/I) TASK 4 3rd QUARTER ALLUVIAL AQUIFER SOURCE: ESE, 1987

		<1.34		34:34 34:34		
		1.68	24 <1.34	. 61	20	
	22	5.44 <1.34 8.44				
1		5.64	47.5			
	* > > * × × × × × × × × × × × × × × × × × × ×	6.81		•		
4.89	27	26 . 4134	1.91 25 <1.34	30	29	
28	<1.34	2.17 <1.34	.1.34	*^ ^ ***		
2.434	.1.34	1.74 39.6		- - - - - - - - - - - - - - - - - - -		
33	34	35 6.05	36	31	32	
3.77		<1.34	.6 8.53			
		<1.34.	-1.34			
.4.81		37.2 6.08 51.34	5.5.4	^ <u>^</u>		
04	03	\$1.34 02 \$1.34	212000 01	90	05	
			-<1.34 -8.96			-Z-
34				2.34		
60		11,34	12 2.68 <1.34	20	80	0 1/2 1/2 1 Mile

Figure C-74 BENZENE CONCENTRATIONS (ug/l) TASK 4 3rd QUARTER DENVER AQUIFER SOURCE: ESE, 1987

				0 1/2 1 Mile
20	29	32	05	80
0.	30	31	,1.34 , <1.34 06	07
\$\\\^{\cdot 1.34}\$\\\^{\cdot 1.34}\$\\^{\cdot 1.34}\$\\\^{\cdot 1.34}\$\\\^{\	 1.34 1.34 25 1.34 1.34 		8.67 <1.34 01 <1.34 . <1.34	. 12
 <1.34 	(1.34 · \$1.34 562 (1.34 · 48.4 562 (1.34 · \$1.34 \$1.34 (1.34 · \$1.34 \$1.34 (1.34 · \$1.34	. 1.34		11.34
	\$\\ \tau_{1.34} \\ \t	34.	\$1.34 \$1.34 03 \$1.34 \$1.34 \$1.34	
	28 (1.34 (1.34)	1.34 1.34 1.34 1.34 1.34 3.68 3.68 3.47	45.15 45	, 1.34 09 , 1.34

Prepared for:
U.S. Army Program Manager's Office
For Rocky Mountain Arsenal
Aberdeen Proving Ground, Maryland

Figure C-75 BENZENE CONCENTRATIONS (ug/I) TASK 4 4th QUARTER ALLUVIAL AQUIFER SOURCE: ESE, 1987

				0 1/2 1/2 1 Mile
20	29	32	05	80
수수 수수	30	545. 545. 55.	참. 44. 00	
24.3 1.8 24 <1.34	15.4 \$\frac{1}{3}\frac{1}{3}\frac{1}{2}\frac{1}{3}\frac{1}\frac{1}{3}\frac{1}{3}\frac{1}{3}\frac{1}{3}\frac{1}{3}\frac{1}		\$1.34 \$30000 01 \$30000 01	- 12 - 12 - 124 - 124
<1.34 <1.34 <1.34 <1.34 <1.34 <1.34 <1.34	.1.34 .1.34 .1.57 .2.49	35 44.7 1.34 35 4.34 1.34 1.34	61.34 61.34 61.34 61.34 61.34 61.34 61.34	11.34
22 22	. ⊽	· -1.34 34	<1.34	
	28	33	`1.34 `1.34 04	· 1.34 09

Figure C-76 BENZENE CONCENTRATIONS (ug/I) TASK 4 4th QUARTER DENVER AQUIFER SOURCE: ESE, 1987

			— Z—	0 % % 1 Mile
20	59	. 32	05	• 08
61	30	·1.21 31	, 41.21 06	07
. 1.21 <1.21 <1.21 24 . 1.21	41.21 41.21 25 41.21 31.21	41.21 9.12 582	01	. 12
 <1.21 	(1.21 • (1.21 356 (1.21 1070 (1.21 26 2.47 (1.21 26 2.47 (1.21 21 21 21 21 21 21 21 21 21 21 21 21 2	41.21 41.21 41.21 41.21 41.21 41.21 41.21 41.21		11.21
	41.21 41.21 41.21 41.21 27 41.21 41.21	*1.21 34 *1.21 *1.21	41.21 41.21 41.21	
	<1.21 28 <1.21 <1.21	4.21 4.21 6.21 5.21 5.21	(4.21 (4.21 4.21 4.21 4.21 4.21 4.21 4.21 4.21	,1.21 ,1.21 09 ,1.21

Figure C-77 TOLUENE CONCENTRATIONS (ug/I) TASK 4, 3rd QUARTER ALLUVIAL AQUIFER SOURCE: ESE, 1987

				0 % % 1 Mile
20	59	32	05	80
. 61	. 02 	41.21 31	\$1.21 0.06	41.21
24 .1.21	41.21 31.21 25 31.21	\$\frac{2}{4\frac{2}{2}}\$\$ <1.21\$ \$\frac{1.21}{5\frac{2}{2\frac{2\frac{2}{2\f	\$1.21 \$32 01 •4.21 •4.21	12 1.21
41.21 23 31.21 1.21 31.21 1.21	*1.21 26 * \$1.21 *1.21 *1.21 *1.21	35 6.21 4.21 35 6.21 4.21	4.52 4.24 4.52 4.24 4.24 0.24.21	11 .41.21
22 22	27	34	03	
·	28	33	. *1.21 04	- 41.21 09

Figure C-78 TOLUENE CONCENTRATIONS (ug/l) TASK 4 3rd QUARTER DENVER AQUIFER SOURCE: ESE, 1987

·			— Z	0 ½ ½ 1 Mile
20	29	32	05	80
6	30	31	•41.21 •41.21 06	07.1.21
\$1.21 • • <1.21 <1.21 <1.21 24 \$1.21	-1.21 -1.21 25 -1.21 -1.21	,	41.21	. 12
41.21 23 41.21 4.21 41.21 41.21 41.21 41.21 41.01 41.01	41.21 • 41.21 41.21 • 729 • 1.21 • 1.21 26 • 41.21 • 1.21 41.21	41.21 8.55 41.21 3.5 41.21		11.
	4.21 4.21 4.21 27 4.21	*1.21 34 *1.21 *1.21	-1.21 -1.21 -1.21 -1.21	
	41.21	41.21 41.21 41.21 41.21 41.21	41.21 41.21 41.21 41.21 41.21 04 41.21 61.21 61.21	*1.21 09 *1.21

Figure C-79 TOLUENE CONCENTRATIONS (ug/I) TASK 4 4th QUARTER ALLUVIAL AQUIFER SOURCE: ESE, 1987

Prepared for: U.S. Army Program Manager's Office For Rocky Mountain Arsenal

Aberdeen Proving Ground, Maryland

Figure C-80 TOLUENE CONCENTRATIONS (ug/I) TASK 4 4th QUARTER DENVER AQUIFER SOURCE: ESE, 1987

		·	-Z-	0 1/4 1/2 1 Mile
50	59	. 32	05	• 08
19	30	•1.28 31	*1.28 *1.28 0.6	07.1.28
1.28 1.28 1.28 24 .1.28	'1.28 25 <1.28' -1.28' -1.28	-1.28 -1.28 -1.28 -1.28 -1.28 -1.28 -1.28 -1.28	<1.28 <1.28 01 <1.28 <1.28 <1.28 <1.28 <1.28 <1.28 <1.28 <1.28 <1.28 <1.28 <1.28 <1.28 <1.28 <1.28 <1.28 <1.28 <1.28 <1.28 <1.28 <1.28 <1.28 <1.28 <1.28 <1.28 <1.28 <1.28 <1.28 <1.28 <1.28 <1.28 <1.28 <1.28 <1.28 <1.28 <1.28 <1.28 <1.28 <1.28 <1.28 <1.28 <1.28 <1.28 <1.28 <1.28 <1.28 <1.28 <1.28 <1.28 <1.28 <1.28 <1.28 <1.28 <1.28 <1.28 <1.28 <1.28 <1.28 <1.28 <1.28 <1.28 <1.28 <1.28 <1.28 <1.28 <1.28 <1.28 <1.28 <1.28 <1.28 <1.28 <1.28 <1.28 <1.28 <1.28 <1.28 <1.28 <1.28 <1.28 <1.28 <1.28 <1.28 <1.28 <1.28 <1.28 <1.28 <1.28 <1.28 <1.28 <1.28 <1.28 <1.28 <1.28 <1.28 <1.28 <1.28 <1.28 <1.28 <1.28 <1.28 <1.28 <1.28 <1.28 <1.28 <1.28 <1.28 <1.28 <1.28 <1.28 <1.28 <1.28 <1.28 <1.28 <1.28 <1.28 <1.28 <1.28 <1.28 <1.28 <1.28 <1.28 <1.28 <1.28 <1.28 <1.28 <1.28 <1.28 <1.28 <1.28 <1.28 <1.28 <1.28 <1.28 <1.28 <1.28 <1.28 <1.28 <1.28 <1.28 <1.28 <1.28 <1.28 <1.28 <1.28 <1.28 <1.28 <1.28 <1.28 <1.28 <1.28 <1.28 <1.28 <1.28 <1.28 <1.28 <1.28 <1.28 <1.28 <1.28 <1.28 <1.28 <1.28 <1.28 <1.28 <1.28 <1.28 <1.28 <1.28 <1.28 <1.28 <1.28 <1.28 <1.28 <1.28 <1.28 <1.28 <1.28 <1.28 <1.28 <1.28 <1.28 <1.28 <1.28 <1.28 <1.28 <1.28 <1.28 <1.28 <1.28 <1.28 <1.28 <1.28 <1.28 <1.28 <1.28 <1.28 <1.28 <1.28 <1.28 <1.28 <1.28 <1.28 <1.28 <1.28 <1.28 <1.28 <1.28 <1.28 <1.28 <1.28 <1.28 <1.28 <1.28 <1.28 <1.28 <1.28 <1.28 <1.28 <1.28 <1.28 <1.28 <1.28 <1.28 <1.28 <1.28 <1.28 <1.28 <1.28 <1.28 <1.28 <1.28 <1.28 <1.28 <1.28 <1.28 <1.28 <1.28 <1.28 <1.28 <1.28 <1.28 <1.28 <1.28 <1.28 <1.28 <1.28 <1.28 <1.28 <1.28 <1.28 <1.28 <1.28 <1.28 <1.28 <1.28 <1.28 <1.28 <1.28 <1.28 <1.28 <1.28 <1.28 <1.28 <1.28 <1.28 <1.28 <1.28 <1.28 <1.28 <1.28 <1.28 <1.28 <1.28 <1.28 <1.28 <1.28 <1.28 <1.28 <1.28 <1.28 <1.28 <1.28 <1.28 <1.28 <1.28 <1.28 <1.28 <1.28 <1.28 <1.28 <1.28 <1.28 <1.28 <1.28 <1.28 <1.28 <1.28 <1.28 <1.28 <1.28 <1.28 <1.28 <1.28 <1.28 <1.28 <1.28 <1.28 <1.28 <1.28 <1.28 <1.28 <1.28 <1.28 <1.28 <1.28 <1.28 <1.28 <1.28 <1.28 <1.28 <1.28 <1.28 <1.28 <1.28 <1.28 <1.28 <1.28 <1.28 <1.28 <1.28 <1.28 <1.28 <1.28 <1.28 <1.28 <1.28 <1.28 <1.28 <1.28 <1.	12.41.28
 <1.28 	 41.28 	 1.28 1.28 1.28 1.28 1.28 		11.28
41.28 22 22	<1.28 <1.28 <1.28	34 34 1.28 1.28	41.28 41.28 41.28	
	41.28 31.28	41.28 41.28 41.28 41.28 41.28 41.28	41.28 41.	. <1.28 <1.28 09 09 . <1.28

Figure C-81 ETHYLBENZENE CONCENTRATIONS (ug/I) TASK 4, 3rd QUARTER ALLUVIAL AQUIFER SOURCE: ESE, 1987

				0 % % 1 Mile
. 20	59	32	05	08
19	. 30 . 30 . 30	4.28 4.28 3.1	41.28 41.28 0.06	91.28
24 41.28	1.28 1.28 25 1.28 1.28 25 1.28		273 01 41.28	-12 41:28 41:28
 <1.28 <1.28 <1.28 <1.28 <1.28 	-1.28 26 - 1.28 -1.28 -1.28	35 41.28 41.28 41.28 41.28 41.28	4.28 \$1.28 \$1.28 \$1.28 \$1.28 \$1.28	. 11
22 22	27	*1.28 34	03	
	28 41.28	, 1.28 , 1.28 , 1.28 , 1.28	41.28 04	•<1.28 09

Figure C-82 ETHYLBENZENE CONCENTRATIONS (ug/l) TASK 4, 3rd QUARTER DENVER AQUIFER SOURCE: ESE, 1987

			-Z	0 1/4 1/2 1 N
20	29	32	05	08
61	30	-1.28 31	*1.28 . <1.28 06	07
21.28 • • <1.28 <1.28 <1.28 <1.28 <24 • <1.28	41.28 25 41.28 41.28		41.28	. 12
 41.28 	21.28 21.2 21.2 21.2 21.2 21.2	,1.28 ,1.28 ,1.28 ,1.28		11.28
11.28	41.28 41.28 41.28 27 41.28 51.28	. 1.28 34 . 1.28 . 1.28	\$1.28 \$1.28 03 \$1.28 \$1.28	
	41.28 28 41.28	*1.28 *1.28 *1.28 *1.28 *1.28 *1.28 *1.28	41.28 41.28 41.28 41.28 41.28 41.28 61.28 04 41.28 41.28 61.28	*1.28 09 *1.28

Figure C-83 ETHYLBENZENE CONCENTRATIONS (ug/l) TASK 4, 4th QUARTER ALLUVIAL AQUIFER SOURCE: ESE, 1987

U.S. Army Program Manager's Office For Rocky Mountain Arsenal Prepared for:

1 Mile

Aberdeen Proving Ground, Maryland

			Z	0 % % 1 Mile
20	29	32	05	80
19	30	\$\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	1.28 0.58 0.66	41.28
- 1.28 <1.28 24 <1.28	1.28 1.28 25 1.28 1.28	41.28 41.28 56 56 41.28	280 01 1.28 280 01 4.1.28	-1.28 64.28
 <1.28 <1.28 <1.28 <1.28 <1.28 	26 1.28 26 1.28 1.28 1.28	35 41.28 41.28 51.28 51.28 51.28	41.28 \$1.28 \$1.28 \$1.28 \$1.28 \$1.28	11.28
22	. 7	*1.28 34	- 41.28 41.28 03	
	28 41.28 28	\$\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	20.6 11.28 04	*1.28 09

Figure C–84 ETHYLBENZENE CONCENTRATIONS (ug/l) TASK 4, 4th QUARTER DENVER AQUIFER SOURCE: ESE, 1987

				0 1/2 1/2 1 Mile
. 20	59	. 32	05	• 00
19	30	.1.35 31	, 1.35 , 1.35 06	07
(1.35 <1.35 <1.35 <1.35 <1.35 <1.35 <1.35 <1.35 <1.35 <1.35 <1.35 <1.35 <1.35 <1.35 <1.35 <1.35 <1.35 <1.35 <1.35 <1.35 <1.35 <1.35 <1.35 <1.35 <1.35 <1.35 <1.35 <1.35 <1.35 <1.35 <1.35 <1.35 <1.35 <1.35 <1.35 <1.35 <1.35 <1.35 <1.35 <1.35 <1.35 <1.35 <1.35 <1.35 <1.35 <1.35 <1.35 <1.35 <1.35 <1.35 <1.35 <1.35 <1.35 <1.35 <1.35 <1.35 <1.35 <1.35 <1.35 <1.35 <1.35 <1.35 <1.35 <1.35 <1.35 <1.35 <1.35 <1.35 <1.35 <1.35 <1.35 <1.35 <1.35 <1.35 <1.35 <1.35 <1.35 <1.35 <1.35 <1.35 <1.35 <1.35 <1.35 <1.35 <1.35 <1.35 <1.35 <1.35 <1.35 <1.35 <1.35 <1.35 <1.35 <1.35 <1.35 <1.35 <1.35 <1.35 <1.35 <1.35 <1.35 <1.35 <1.35 <1.35 <1.35 <1.35 <1.35 <1.35 <1.35 <1.35 <1.35 <1.35 <1.35 <1.35 <1.35 <1.35 <1.35 <1.35 <1.35 <1.35 <1.35 <1.35 <1.35 <1.35 <1.35 <1.35 <1.35 <1.35 <1.35 <1.35 <1.35 <1.35 <1.35 <1.35 <1.35 <1.35 <1.35 <1.35 <1.35 <1.35 <1.35 <1.35 <1.35 <1.35 <1.35 <1.35 <1.35 <1.35 <1.35 <1.35 <1.35 <1.35 <1.35 <1.35 <1.35 <1.35 <1.35 <1.35 <1.35 <1.35 <1.35 <1.35 <1.35 <1.35 <1.35 <1.35 <1.35 <1.35 <1.35 <1.35 <1.35 <1.35 <1.35 <1.35 <1.35 <1.35 <1.35 <1.35 <1.35 <1.35 <1.35 <1.35 <1.35 <1.35 <1.35 <1.35 <1.35 <1.35 <1.35 <1.35 <1.35 <1.35 <1.35 <1.35 <1.35 <1.35 <1.35 <1.35 <1.35 <1.35 <1.35 <1.35 <1.35 <1.35 <1.35 <1.35 <1.35 <1.35 <1.35 <1.35 <1.35 <1.35 <1.35 <1.35 <1.35 <1.35 <1.35 <1.35 <1.35 <1.35 <1.35 <1.35 <1.35 <1.35 <1.35 <1.35 <1.35 <1.35 <1.35 <1.35 <1.35 <1.35 <1.35 <1.35 <1.35 <1.35 <1.35 <1.35 <1.35 <1.35 <1.35 <1.35 <1.35 <1.35 <1.35 <1.35 <1.35 <1.35 <1.35 <1.35 <1.35 <1.35 <1.35 <1.35 <1.35 <1.35 <1.35 <1.35 <1.35 <1.35 <1.35 <1.35 <1.35 <1.35 <1.35 <1.35 <1.35 <1.35 <1.35 <1.35 <1.35 <1.35 <1.35 <1.35 <1.35 <1.35 <1.35 <1.35 <1.35 <1.35 <1.35 <1.35 <1.35 <1.35 <1.35 <1.35 <1.35 <1.35 <1.35 <1.35 <1.35 <1.35 <1.35 <1.35 <1.35 <1.35 <1.35 <1.35 <1.35 <1.35 <1.35 <1.35 <1.35 <1.35 <1.35 <1.35 <1.35 <1.35 <1.35 <1.35 <1.35 <1.35 <1.35 <1.35 <1.35 <1.35 <1.35 <1.35 <1.35 <1.35 <1.35 <1.35 <1.35 <1.35 <1.35 <1.35 <1.35 <1.35 <1.35 <1.35 <1.35 <1.35 <1.35 <1.35 <1.35 <1.35 <1.35 <1.35 <1.35 <1.35 <1	1.351.352.51.351.35	. 1.35 . 36 . 1.35 . 1.35 . 1.35 . 1.35	<1.35<1.35<1.35<1.35<1.35	12 1.35
 <1,35 	26	*1.35 *1.35 *1.35 *1.35 *1.35 *1.35 *1.35		11.
44.135 41.35 22	35<1.351.35	*(1.35 34 *(1.35 *(1.35	<1.35 03 •1.35 •1.35	
	28 28 41.35	(1.35 (1.35 (1.35 (1.35 (1.35 (1.35	41.35 41.35 41.35 41.35 41.35 41.35 61.35	*1.35 *1.35 09 *1.35

Figure C-85 M-XYLENE CONCENTRATIONS (ug/l) TASK 4, 3rd QUARTER ALLUVIAL AQUIFER SOURCE: ESE, 1987

				0 1/4 1/2 1 Mile
20	29	32	05	80
19	. 30 . 35 . 35	1.35 61.35 7.1 3.1	1.35 1.35 0.6	07
24 *1.35	41.35 25 41.35 41.35 25 41.35	41.35 41.35 41.35 36 41.35 41.35	696 01 555 696 01 555 696 696 696 696 696 696 696 696 696 696	1.35 35.55
 <1.35 <1.35 <1.35 <1.35 <1.35 <1.35 <1.35 	<1.3526<1.35<1.35<1.35	1.35 1.35		11.
22 22	27	34	03	
	28 28	\$1.35 \$1.35 \$33 \$1.35 \$1.35	, 1.35 04	• • • • •

Figure C–86 M–XYLENE CONCENTRATIONS (ug/l) TASK 4, 3rd QUARTER DENVER AQUIFER SOURCE: ESE, 1987

			Z	0 1/2 1/2 1 Mile
20	59	32	05	80
. 6	30	31	*1.35 *1.35 06	07.1.35
24.35 • • <1.35 <1.35 <1.35 24 • <1.35	 1,35 1,35 2,5 1,35 1,35 	. 4135 . 2.69 3.46 . 1.35 . 263 . 4135	1.35	. 12
 <1,35 	41.35 • 41.35 41.35 • 41.35 41.35 26 41.35 26	41.35 41.35 41.35 41.35		11 4.35
1,35	41.35 41.35 41.35 27 41.35	. <1.35 34 *1.35 <1.35	*1.35 *1.35 03 *1.35 *1.35 *1.35	
	41.35	(1.35 (1.35 (1.35 (1.35 (1.35 (1.35 (1.35	41.35 41.35 41.35 41.35 41.35 41.35 41.35 41.35 61.35 61.35 61.35	, 1.35 09 , 1.35

Figure C-87 M-XYLENE CONCENTRATIONS (ug/l) TASK 4, 4th QUARTER ALLUVIAL AQUIFER SOURCE: ESE, 1987

			— Z—	אי איר ס איר איר ס איר איר ס
. 20	29	. 32	0.5	80
0.00 \$2.00 \$3.00	30	25.05.05.05.05.05.05.05.05.05.05.05.05.05	\$1.35 \$5.15 0.06	07 07
24 41.35	(1.35 (1.35 (1.35 (1.35 (1.35	41.35 41.35 41.35 36 41.35 41.35	1610 01 4.35 1.35 1610 01 4.35	2.555 2.555 2.555
<1.35 23 41.35 23 41.35 41.35 41.35 41.35	26 41.35 41.35 41.35 41.35	4.35 4.35 4.35 4.35 4.35 4.35	4.35 4.35 4.35 4.35 4.35 4.35	11 11.35
22	. ₹	*1.35 3.4	• 4.35 4.35 03	
	28	41.35 41.35 41.35 41.35 41.35	6.93 41.35 04	• 09

Figure C-88 M-XYLENE CONCENTRATIONS (ug/I) TASK 4, 4th QUARTER DENVER AQUIFER SOURCE: ESE, 1987

			— Z	0 % % 1 Mile
20	59	. 32	05	• 08
6	30	•2.47 31	-2.47 -2.47 06	07 .2.47
.2.47	·2.47 25 <2.47		<2.47 <2.47 01 <2.47 <2.47 <4.2.47 <4.2.47 <4.47	. 2.47
2.47 -2.47 -2.47 -2.47 -2.47 -2.47 -2.47	2.47 . 2.47 58.7 2.47 2.47 2.47 2.47 2.47 2.47 2.47 2.	2.47 2.47 2.47 2.47 35 2.47 2.47		.2.47
	2.47 2.47 2.47 27 2.47	°<2.47 34 °<2.47 °<2.47	2.47 03 2.47	·
	28 .2.47	2.47 2.47 2.47 3.2.47 2.47 2.47	2.47	°-2.47 °-2.47 09 °-2.47

Figure C-89 O/P XYLENE CONCENTRATIONS (ug/l) TASK 4, 3rd QUARTER ALLUVIAL AQUIFER SOURCE: ESE, 1987

Prepared for: U.S. Army Program Manager's Office For Rocky Mountain Arsenal

Aberdeen Proving Ground, Maryland

			0 % % 1 Mile
20	32	05	80
· §2.47	30 .2.47 .2.47 3.1	\$2.47 0.6	2.47
24 °2.47	2.47 2.47 2.47 2.47 2.47 2.47 2.47 2.47	.2.47 1740 01 .2.47 .2.47	\$2.47 \$2.47
2.47 23 2.47 2.47 2.47	26. 22.47 26. 22.47 22.47 22.47 22.47 22.47 35.47 22.47 22.47 22.47 22.47 22.47	2.47 2.47 2.47 0.2.47 0.2.47	. 2.47
22	\$2.47 27 \$2.47 \$2.47	03	:
	\$2.47 \$2.47 \$2.47 \$33 \$2.47	. *2.47 04	• 2 .47 09

Figure C-90 O/P XYLENE CONCENTRATIONS (ug/l) TASK 4, 3rd QUARTER DENVER AQUIFER SOURCE: ESE, 1987

			Z	0 1/4 1/2 1 Mile
20	29	32	05	80
19	30	.2.47	, 2.47 , 2.47 06	•2.47
.2.472.47 .2.47 .2.47 24 .2.47	·2.47 ·2.47 25 <2.47 ·2.47	 2.47 2.47 3.43 5.13 2.47 874 6.13 6.14 6.17 	-2.47	. 2.47
2.47 2.47 2.47 2.47 2.47 2.47 2.47 2.47	2.47	°2.47 °2.47 °2.47 °2.47		2.47
	2.47 2.47 2.47 27 2.47	°.2.47 °.2.47 °.2.47	.2.47	
	28 2.47	2.47 2.47 2.47 2.47 2.47 2.47	2.47	.<2.47 09 .<2.47

Figure C-91 O/P XYLENE CONCENTRATIONS (ug/I) TASK 4, 4th QUARTER ALLUVIAL AQUIFER SOURCE: ESE, 1987

Prepared for: U.S. Army Program Manager's Office For Rocky Mountain Arsenal

Aberdeen Proving Ground, Maryland

			- -	0 % % 1 Mile
20	29	32	05	80
· 22.47	30	\$2.47 3.1	\$2.47 \$2.47 06	\$2.47 07
.2.47 24 °2.47	·2.47 ·2.47 25 2.47 ·2.47	\$2.47 <2.47 \$2.47 \$36 \$2.47	.2570 01 .2.47	22.47 22.47
2.47 2.47 2.47 2.47 2.47	.2.47 26 . 2.47 2.47 .2.47	2.47	2.47 2.47 2.47 2.47 02 2.47	11.
22	27 2.47	*22.47 34	•2.47 •2.47 03	
	28.47	33 .2.47	.2.47 .2.47 04	•2.47 09

Figure C-92 O/P XYLENE CONCENTRATIONS (ug/I) TASK 4, 4th QUARTER DENVER AQUIFER SOURCE: ESE, 1987

				0 % % 1 Mile
20	59		05	.80
O	30	`.5.00 3.1		007.
.5.005.00 .5.00 24 .5.00	\$.00 25 <5.00		6.18 -5.00 -6.00 01 -6.00	12.5.00
\$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00	5.00 • <5.00 640 <5.00 • <5.00 640 •5.00 <5.00 <5.00 26 •<5.00 <5.00 <5.00	\$5.00 \$5.00 \$5.00 \$5.00 \$5.00		11.55.00
	\$5.00 \$5.00 \$5.00 \$5.00	.<5.00 34 .<5.00 .<5.00	\$.00 \$.00 \$.5.00	:
	, \$5.00 \$5.00	\$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00	65.00 65	.5.00 *5.00 03 .5.00

Prepared for:
U.S. Army Program Manager's Office
For Rocky Mountain Arsenal
Aberdeen Proving Ground, Merylend

Figure C-93 MECL CONCENTRATIONS (ug/I) TASK 4, 3rd QUARTER ALLÜVIAL AQUIFER SOURCE: ESE, 1987

			7	0 % % 1 Mile
20	29	32	05	80
. 61	30	\$5.00 \$5.00 3.1	00.00 00.00 00.00	\$5.00
24 .5.00	\$5.00 \$5.00 \$5.00 \$5.00 \$5.00		\$5.00 \$5.00 01 \$5.00 \$5.00	12 \$5.00
\$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00	\$5.00 \$5.00 26 \$5.00 \$5.00 \$5.00	\$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00	\$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00	11 \$ 5.00
22	999 999	*5.00 34	03	
,	28	\$5.00 \$5.00 \$3.00 \$5.00	.5.00 04	°5.00 09

Prepared for: U.S. Army Program Manager's Office For Rocky Mountain Arsenal Aberdeen Proving Ground, Merylend

Figure C-94 MECL CONCENTRATIONS (ug/I) TASK 4, 3rd QUARTER DENVER AQUIFER SOURCE: ESE, 1987

				0 1/2 1 Mile
20	29	32	05	80
19	30	*5.00 31	\$5.00 \$5.00 06	00.55.00
\$5.00 • • \$5.00 \$5.00 \$5.00 24 \$5.00	\$5.00 25 \$5.00 \$5.00 \$5 \$5.00	.\$500 .\$500 .\$500 .\$500 .\$143 .\$500	6.24 5.00 01 5.00 • <5.00	12.
\$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00	\$5.00 • \$5.00 \$25.0 \$5.0	\$5.00 \$5.00 \$5.00 \$5.00		. \$5.00
	\$5.00 \$5.00 \$5.00 \$5.00	. \$5.00 \$4 \$5.00 \$5.00	.5.00 .5.00 .5.00 .5.00	
	45.00	\$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00	(5.00 (5.00	*5.00 09 *5.00

Figure C-95 MECL CONCENTRATIONS (ug/I) TASK 4, 4th QUARTER ALLUVIAL AQUIFER SOURCE: ESE, 1987

	·									Z -		0 1/4 1/2 1 Mile
20			29			32			05			80
			30	* <5.00 <5.00	\$\$.00 \$\$.00	31		<5.00 <5.00	90		•\$5.00 \$5.00	07
\$5.00 \$5.00 24 \$5.00		.<5.00	\$.00 25 \$.00 \$.00 25	\$<5.00	<5.00 <5.00 <5.00	.5.00 36	\$5.00 \$5.00		\$5.00 \$5.00	<5.00 <5.00 <5.00		12 \$5.88 \$5.88
<5.00 23	\$.00 \$.00 \$.5.00	\$5.00	26 . \$5.00 26 . \$5.00 \$5.00	\$.00 \$5.00	\$5.00 \$5.00 \$5.00 \$5.00 \$5.00	35	*5.00 *5.00	\$ \$.00	\$5.00 \$5.00 \$5.00 \$5.00	•<5.00		11.
	22			<5.00		34			<5.00 <5.00 0.3			
			• 44	78	\$5.00	33	<5.00 . <5.00	\$5.00	• . .5.00		* <5.00	60

Figure C-96 MECL CONCENTRATIONS (ug/I) TASK 4, 4th QUARTER DENVER AQUIFER SOURCE: ESE, 1987

Prepared for: U.S. Army Program Manager's Office For Rocky Mountain Arsenal

Aberdeen Proving Ground, Maryland

0 % % 1 Mile	0.05	°.41.10 06 07 °.1.10	1.21	*1.10 *1.10 *1.10 *1.10 *1.10 *1.10	*1.10 *1.10 03 *1.10 *1.10	\$1.10 \$1.10
		31	41.10 41.10 36 1.21 7.86	35		41.10 41.19 41.10 41.10
	29	30	<1.10 <1.10 25 <1.10 <1.10		.∀ .∀	<pre> <1.10</pre>
	20	19		<pre><1.10 <1.10 23 <1.10 <1.1</pre>	\$1.10 22 \$1.10	

Figure C-97 11DCE CONCENTRATIONS (ug/I) TASK 4, 3rd QUARTER ALLUVIAL AQUIFER SOURCE: ESE, 1987

				0 1/4 1/2 1 Mile
20	29	32	05	80
	30.	4 1:18 31	41.16 06 06	\$1:18 07
24 -1.10	\$1.10 \$1.18 25 \$1.18 \$1.10	\$\frac{1}{4}\frac{1}{4}\tag{1.10}\$	41.10 01 41.10 01 41.10 01	-1.12 1.13 1.13
41.10 23 41.18 41.10 41.10	\$1.10 \$1.10 26 \$1.18 \$1.10 \$1.10	35 41.10 5.18 5.18	4:10 4:18 4:18 02.	11.10
22 22	27 27 .10	*1.10 34	03	
	28 28	\$1.18 \$1.10 \$1.10	*1.10 04	•1.10 09

Figure C-98 11DCE CONCENTRATIONS (ug/l) TASK 4, 3rd QUARTER DENVER AQUIFER SOURCE: ESE, 1987

										Z-		0 1/2 1 Mile
C	0 0		29			32			05			08
	<u>.</u>		30	<1.10	•1.10	31		·<1.10	• <1.10 06			07.10
41.10 <1.10 <1.10 <1.10	2:.	·1.10	<1.10 25 <1.10	\$1.10	<1.10 <1.10	• <1.10 36	<110	2.12	<1.10 01	\$1.10		. 12
<1.10	41.10 41.10 41.10 41.10 41.10 41.10	5 ÷ . ÷	26 «1.10 c.1.10 c.1.10 c.1.10 c.1.10		*1.10 <1.10	35	·1.10		*1.10 *1.10 *1.10	_		11.**
	41;0 22 22	.10 1.10	27 <1.10		•4.10	34	·1.10 ·1.10		\$1.10 c1.10	\$1.10 \$1.10		
			41.10	61:10	\$1.10	1.75 (1.10 33	\$1.10 \$1.10	1 +=	.1.1		•1.10	09 •1.10

Figure C-99 11DCE CONCENTRATIONS (ug/l) TASK 4, 4th QUARTER ALLUVIAL AQUIFER SOURCE: ESE, 1987

Prepared for: U.S. Army Program Manager's Office For Rocky Mountain Arsenal

Aberdeen Proving Ground, Meryland

				0 % % 1 Mile
20	29	32	05	80
• \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\	30	5.18 31	00 90 00	41:18
\$1:18 24 \$1.10	\$1.10 \$1.18 25 \$1.18 \$1.10	\$\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	01 01 01 01 01 01 01 01	4:18
<1.10<1.10<1.10<1.10<1.10<1.10	\$1.10 \$1.10 \$4.10 \$1.10 \$1.10	4:18 4:18 35 4:10 4:10	41.10 41.18 41.18 02 41.18 41.10	11.4.10
22	27 27 27 3.10	*.10 34	*1.10 <1.10 03	
	28 .110	\$1.10 \$33 \$1.10 \$1.10	10 10 04	09 09

Figure C-100 11DCE CONCENTRATIONS (ug/l) TASK 4, 4th QUARTER DENVER AQUIFER SOURCE: ESE, 1987

·								-z-	0 1/4 1/2 1 Mile
20	29			32			05		• 00
6-	30	<1.20	• <1.20	31		<1.20	• <1.20 06		•1.20
*1.20	*1.20 <1.20 25 <1.20	•1.20	-1.20 -1.20	• <1.20 36	6,43 •1.20 •1.20 •<1.20	<24.0	1.75 *1.20	•41.20	12.120
<pre><1.20 <1.20 2.3 <1.20 <1.</pre>	41.20 41.2 20 26	<1.20 <1.20	<1.20 <1.20 1.35	35	*1.20 *1.20		*1.20 02 5.65	1.35	11
	\$1.20 \$1.20 \$1.20 \$1.20	* 1.20	*1.20	34	•1.20 •1.20		<1.20 03	<1.20 <1.20	
	1,20	\$28	<1.20<1.29	4:20 4:20 4:20 5:20 33	¢1.20	<1.20 <1.20 <1.20 <1.20 <1.20	•1.20 04 51.20 04	41.20 41.20 41.20	61.20 c1.20 09 c1.20

Figure C-101 11DCLE CONCENTRATIONS (ug/l) TASK 4, 3rd QUARTER ALLUVIAL AQUIFER SOURCE: ESE, 1987

			Z	0 1/2 1/2 1 Mi
20	29	32	0.5	08
19.	30.		41.20 41.20 06	
24 .1.20	\$1.20 \$\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	1	1.20 01 1.20 01 1.20 1.20 1.20 1.20 1.20	1.2 \$1.20 \$1.20
 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 	\$1.20 \$1.20 \$1.20 \$1.20 \$1.20 \$1.20	35 41.20 41.20 51.20 51.20 51.20 51.20	\$1.20 \$1.28 \$1.20 \$1.20 \$1.20 \$1.20	11.20
22	. ∜	1.20 34	03	
	28	\$\\\ \frac{\circ}{1.20} \circ	• 1.20 04	*1.20 09

Figure C-102 11DCLE CONCENTRATIONS (ug/I) TASK 4, 3rd QUARTER DENVER AQUIFER SOURCE: ESE, 1987

Prepared for:
U.S. Army Program Manager's Office
For Rocky Mountain Arsenal
Aberdeen Proving Ground, Merylend

1 Mile

			-Z-	0 1/2 1/2 1 Mile
20	59	32	05	80
19	30	31	• 1.20 • <1.20 06	07.1.20
\$1.20 • •1.20 \$1.20 •1.20 24 •1.20	*1.20 25 <1.20 *1.20 25 <1.20	. 1.20 . 1.20 . 1.20 . 1.20 . 1.20 . 1.20 . 1.20	1.55 01	. 12 .1.20
 <1.20 <	18 5.5 .5	*1.20 <1.20 35 <1.20 <1.20		11.20
1,20	\$1.20 \$1.20 \$1.20 \$27 \$1.20 \$1.20	*1.20 34 *1.20 *1.20	<1.20<1.20<1.20<1.20<1.20	
	1.20 28 3.1.20	41.20 41.20 41.20 41.20 41.20 41.20 41.20	(1.20 <1.20 <1.20 (1.20 <1.20 (1.20 <1.20 (1.20 <1.20 (1.20 <1.20 (1.20 <1.20 <1.20 (1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20	. 1.20 09 1.49

Figure C-103 11DCLE CONCENTRATIONS (ug/I) TASK 4, 4th QUARTER ALLUVIAL AQUIFER SOURCE: ESE, 1987

				2% % 0
20	29	32	0.5	80
19	30	4.20 4.20 3.1	4.20 6.20 0.6	41.20
-1.20 -1.20 24 -1.20	-1.20 -1.20 25 -1.20 -1.20	\$\frac{41.20}{41.20}\$ \$\tau_1.20\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	. 1.20 01 1.28	- 1.28 1.28
<1.20<1.20<1.20<1.20<1.20<1.20	*1.20 26 *1.20 *1.20 *1.20	35 41.20 41.20 51.20 51.20 61.20	41.20 \$1.20 \$1.20 \$1.20 \$1.20 \$1.20	11.20
22		3.4	•1.20 •1.20 03	
	28	\$1.20 \$1.20 \$3 \$1.20 \$1.20	*1.20 *1.20 0.4	•1.20 09

Figure C-104 11DCLE CONCENTRATIONS (ug/I) TASK 4, 4th QUARTER DENVER AQUIFER SOURCE: ESE, 1987

Prepared for: U.S. Army Program Manager's Office For Rocky Mountain Arsenal Aberdeen Proving Ground, Merylend

1 Mile

			 Z-	0 1/2 1/2
20	29	. 32	05	• 80
. 6	30	. 1.20 31	*1.20 *1.20 06	07
*1.20 • •1.20 <1.20 24 *1.20	*1.20 25 <1.20 *1.20 25 <1.20	 <1.20 	011001	. 12
<pre><1.20 <1.20 <</pre>	<pre><1.20</pre>	*1.20 *1.20 <1.20 \$1.20 \$1.20 \$1.62	*1.20 02 *1.20	11.20
4-41.20 -4-1.20 22 22	.20 <1.2¢	. 1.20 34 . 1.20 . 1.20	<1.20 03 *1.20 *1.20	
	41.20 41.20 41.20	(1.20 (1.20 (1.20 (1.20 (1.20 (1.20	8.64 <1.20 <1.20 6.1.20 <1.20 6.1.20 <1.20 6.1.20 <1.20 6.1.20 <1.20 6.1.20 <1.20 <1.20	,4.69 <1.20 09 7.29

Figure C-105 T12DCE CONCENTRATIONS (ug/I) TASK 4, 3rd QUARTER ALLUVIAL AQUIFER SOURCE: ESE, 1987

Prepared for:
U.S. Army Program Manager's Office
For Rocky Mountain Arsenal
Aberdeen Proving Ground, Meryland

			- Z-	0 1/2 1/2 1 Mile
20	29	32	05	08
19	30 .	\$\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	-1.20 <1.20 06	•1.20 41.20 . 07
24 •1.20	1.20 1.20 25 4.20 1.20	\$\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	1.20 01 1.20 °1.20	1.20
 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 	\$\\\ \cdot \text{1.20} \\ \text{26} \text{21.20} \\ \text{41.20} \\ \text{41.20} \text{41.20} \\ \text{41.20} \text{41.20} align*	\$\\\ \frac{1.20}{1.20} \text{\$1.20} \\ \\ \frac{1.20}{1.20} \\ \text{\$1.20} \\ \text{\$1.20} \\ \text{\$1.20} \\ \text{\$1.20} \\ \text{\$1.20} \\ \text{\$1.20} \end{array}	*1.20 *1.20 *1.20 *1.20 02 *1.20	. 11
2220	27	*1.20 34	03	
	28 .120	\$\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	*1.20 04	.*1.20 09

Figure C-106 T12DCE CONCENTRATIONS (ug/I) TASK 4, 3rd QUARTER DENVER AQUIFER SOURCE: ESE, 1987

Prepared for:
U.S. Army Program Manager's Office
For Rocky Mountain Arsenal
Aberdeen Proving Ground, Maryland

			— Z;	0 1/2 1/2 1 M
20	29	32	90	80
. 6	30	* 1.20 31	*1.20 . <1.20 06	07
\$\cdot \cdot	<1.20<1.20<1.20<1.20<1.20	41.20 36 41.20	41.20	1220
23 20 <1.20 1.20 <1.20 1.20 <1.20		<1.20	1.20 02 - 1.20 - 1.20	11 1.20
	\$\\\\^{\chi_{1.20}}\\\^{\chi_{1.20}}\\\^{\chi_{1.20}}\\\\^{\chi_{1.20}}\\\\^{\chi_{1.20}}\\\^{\chi_{1.20}}\\\\^{\chi_{1.20}}\\\\^{\chi_{1.20}}\\\^{\chi_{1.20}}\\\\^{\chi_{1.20}}\\\\^{\chi_{1.20}}\\\\^{\chi_{1.20}}\\\^{\chi_{1.20}}\\\^{\chi_{1.20}}\\\\^{\chi_{1.20}}\\\^{\chi_{1.20}}\\\\^{\chi_{1.20}}\\\^{\chi_{1.20}}\\\\^{\chi_{1.20}}\\\^{\chi_{1.20}}\\\\^{\chi_{1.20}}\\\\^{\chi_{1.20}}\\\\^{\c	34	*1.20	61.20
	28 31.20	*1.20 *1.20 *1.20 *1.20 *1.20 *1.20 *1.20	3.57 8.24 <1.20 <1.20 61.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20 <1.20	,1.20 ,1.20 09 ,7.66

Figure C-107 T12DCE CONCENTRATIONS (ug/l) TASK 4, 4th QUARTER ALLUVIAL AQUIFER SOURCE: ESE, 1987

Prepared for:
U.S. Army Program Manager's Office
For Rocky Mountain Arsenal
Aberdeen Proving Ground, Maryland

80	41.20	120 \$1.20	11.20		·1.20 09
	41.20	.<1,20 .<1,20	. 1.20		4.20
O O	90	5	\$1.20 02 \$1.20 \$1.20 \$1.20	03	40
05	41.20	41.20 51.20	<1.20 1.20</1.20</1.20</td <td>•1.20 •6.00 03</td> <td>*1.20 *1.20 04</td>	•1.20 •6.00 03	*1.20 *1.20 04
		\$1.20 \$1.20	*1.20 <1.20		<1.20 <1.20
32	31	*1.20 36	35	34	33
	1.20	\$1.20 \$1.20 \$1.20	41.20 41.20 41.20 41.20	• <1.20	\$1.20 \$1.20 \$1.20
	• <1.20 <1.20	·1.20	<1.20 <1.20	<1.20	28
29	30	\$1.20 25 \$1.20	*1.20 26 . *1.20 *1.20		41.20
		<1.20	·<1.20		
			41.20 *1.20 41.20 *1.20	22	
20	19	24 .1.20	·1.20 23		
		• <1.20	<1.20		

Figure C-108 T12DCE CONCENTRATIONS (ug/l) TASK 4, 4th QUARTER DENVER AQUIFER SOURCE: ESE, 1987

Prepared for:
U.S. Army Program Manager's Office
For Rocky Mountain Arsenal
Aberdeen Proving Ground, Meryland

		·		
20	29	. 32	05	.80
19	30	*1.40 31	*1.40 * <1.40 06	07.
504 . •<1.40 <1.40 24 *1.40	1.401.40251.401.40	.3.65.3 .4.15 .5.00 .3.5 .4.780 .4.780	001	12 1.40
\$1.40 \$1.40 \$1.40 \$1.40 \$1.40 \$1.40 \$3730 \$1.40 \$22500	<pre><1.40</pre>	12.7 8.34 <1.40 3.658.9 (1.40 3.558.9 (1.40 3.55 3.65 3.65 3.6 6.700 4.780		11.40
22	12.5 <1.40	.<1.40 34 40 .<1.40	.1.40 03 8.96 1.40	
	<1.40 28 <1.40	\$1.40 \$1.40 \$1.40 \$1.40 \$1.40	04.140 (1.4	°1.40 °1.40 09 °1.40

Figure C-109 CHLOROFORM CONCENTRATIONS (ug/I) TASK 4, 3rd QUARTER ALLUVIAL AQUIFER SOURCE: ESE, 1987

Prepared for: U.S. Army Program Manager's Office For Rocky Mountain Arsenal Aberdeen Proving Ground, Metylend

1 Mile

7.

		·											× 0
	20			29			32			05			08
\$1:48	19•			30	**************************************	1.40	31		-1.40 <1.40	90		• \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	07
	24 <1.40		*1.40	1.48 25 \$1:48	•1.40	* ^ ^ ^ _ ^ ^	*1.40 36	**************************************	•	-1.40 01	<1.40 •<1.40		12.
<1.40	. 1.40 23	\$1.40 \$1.40 \$1.40 \$1.40	•1.40	26 27.90	\$1.40 \$1.40	\$1.40 \$1.40 \$1.40 \$1.40	35 41.48	·<1.40	1.40 115	7,44 <1.40 <1.40 <1.40 <1.40 <1.40			11.40
		2240		÷1:48 27	.<1.40	• <1.40	34			03			
				2.2 0.4.4.	28	\$1.40 \$1.40 \$1.40	33	<1.40 <1.40		.1.40		• <1.40	60

Figure C-110 CHLOROFORM CONCENTRATIONS (ug/l) TASK 4, 3rd QUARTER DENVER AQUIFER SOURCE: ESE, 1987

Prepared for:
U.S. Army Program Manager's Office
For Rocky Mountain Arsenal
Aberdeen Proving Ground, Merylend

				» ·
. 20	29	32	05	80
6	30	31	• 1.40 • <1.40 06	07.
50.2 <1.40 50.2 <1.40 24 <1.40	1.401.40251.401.40	4.92 2.35.40 <1.40 • 4.28 3.6 14700 • 43.9 <1.40 5270 • 1.40	011	.12
1.71 -1.40 2.3 1.72 1.72 1.72 1.40 -1.40 -1.40 -1.40 -1.40 -1.40 -1.40 -1.40 -1.40	<pre><1.40</pre>	24.6 4.92 1.40 3.5 7.83		11.40
14:140	12 <1.40 2.6	.*1.40 .*1.40 *1.40	-1.40 1.43 03 8.54 -1.40	
	28 .1.40	\$1.40 \$1.40 \$1.40 \$1.40 \$1.40 \$1.40 \$1.40	04:1-0 04:1-0	*1.40 09 *1.40

Figure C-111 CHLOROFORM CONCENTRATIONS (ug/l) TASK 4, 4th QUARTER ALLUVIAL AQUIFER SOURCE: ESE, 1987

Prepared for:
U.S. Army Program Manager's Office
For Rocky Mountain Arsenal
Aberdeen Proving Ground, Merylend

				0 1/4 1/2
20	29	32	05	08
1.48 1.9	30	- 	0.40 0.40 0.6	
1.48 24 *1.40	*1.40 *1.40 25 <1.40 *1.40		.<1.40 01 .<1.48 .<1.40 .<1.40 .<1.40 .<1.40 .<1.40 .<1.40 .<1.40 .<1.40 .<1.40 .<1.40 .<1.40 .<1.40 .<1.40 .<1.40 .<1.40 .<1.40 .<1.40 .<1.40 .<1.40 .<1.40 .<1.40 .<1.40 .<1.40 .<1.40 .<1.40 .<1.40 .<1.40 .<1.40 .<1.40 .<1.40 .<1.40 .<1.40 .<1.40 .<1.40 .<1.40 .<1.40 .<1.40 .<1.40 .<1.40 .<1.40 .<1.40 .<1.40 .<1.40 .<1.40 .<1.40 .<1.40 .<1.40 .<1.40 .<1.40 .<1.40 .<1.40 .<1.40 .<1.40 .<1.40 .<1.40 .<1.40 .<1.40 .<1.40 .<1.40 .<1.40 .<1.40 .<1.40 .<1.40 .<1.40 .<1.40 .<1.40 .<1.40 .<1.40 .<1.40 .<1.40 .<1.40 .<1.40 .<1.40 .<1.40 .<1.40 .<1.40 .<1.40 .<1.40 .<1.40 .<1.40 .<1.40 .<1.40 .<1.40 .<1.40 .<1.40 .<1.40 .<1.40 .<1.40 .<1.40 .<1.40 .<1.40 .<1.40 .<1.40 .<1.40 .<1.40 .<1.40 .<1.40 .<1.40 .<1.40 .<1.40 .<1.40 .<1.40 .<1.40 .<1.40 .<1.40 .<1.40 .<1.40 .<1.40 .<1.40 .<1.40 .<1.40 .<1.40 .<1.40 .<1.40 .<1.40 .<1.40 .<1.40 .<1.40 .<1.40 .<1.40 .<1.40 .<1.40 .<1.40 .<1.40 .<1.40 .<1.40 .<1.40 .<1.40 .<1.40 .<1.40 .<1.40 .<1.40 .<1.40 .<1.40 .<1.40 .<1.40 .<1.40 .<1.40 .<1.40 .<1.40 .<1.40 .<1.40 .<1.40 .<1.40 .<1.40 .<1.40 .<1.40 .<1.40 .<1.40 .<1.40 .<1.40 .<1.40 .<1.40 .<1.40 .<1.40 .<1.40 .<1.40 .<1.40 .<1.40 .<1.40 .<1.40 .<1.40 .<1.40 .<1.40 .<1.40 .<1.40 .<1.40 .<1.40 .<1.40 .<1.40 .<1.40 .<1.40 .<1.40 .<1.40 .<1.40 .<1.40 .<1.40 .<1.40 .<1.40 .<1.40 .<1.40 .<1.40 .<1.40 .<1.40 .<1.40 .<1.40 .<1.40 .<1.40 .<1.40 .<1.40 .<1.40 .<1.40 .<1.40 .<1.40 .<1.40 .<1.40 .<1.40 .<1.40 .<1.40 .<1.40 .<1.40 .<1.40 .<1.40 .<1.40 .<1.40 .<1.40 .<1.40 .<1.40 .<1.40 .<1.40 .<1.40 .<1.40 .<1.40 .<1.40 .<1.40 .<1.40 .<1.40 .<1.40 .<1.40 .<1.40 .<1.40 .<1.40 .<1.40 .<1.40 .<1.40 .<1.40 .<1.40 .<1.40 .<1.40 .<1.40 .<1.40 .<1.40 .<1.40 .<1.40 .<1.40 .<1.40 .<1.40 .<1.40 .<1.40 .<1.40 .<1.40 .<1.40 .<1.40 .<1.40 .<1.40 .<1.40 .<1.40 .<1.40 .<1.40 .<1.40 .<1.40 .<1.40 .<1.40 .<1.40 .<1.40 .<1.40 .<1.40 .<1.40 .<1.40 .<1.40 .<1.40 .<1.40 .<1.40 .<1.40 .<1.40 .<1.40 .<1.40 .<1.40 .<1.40 .<1.40 .<1.40 .<1.40 .<1.40 .<1.40 .<1.40 .<1.40 .<1.40 .<1.40 .<1.40 .<1.40 .<1.40 .<1.40 .<1.40 .<1.40 .<1.40 .<1.40 .<1.40 .<1.40 .<1.40 .<1.40	12 4:40
1.83 • 1.40	 <1.40 <1.40 <26 <1.40 <1.40 <7 <1.40 	35 (1.40 35 (1.40 35 (1.40 12.3	\$1.40 1040 \$1.40 \$1.40 \$1.40 \$1.40 \$1.40	11.40
22	.=	*1.40 34	*1.40 <7.00	
	28	33 (1.40 (1.40	40 6.17 04	*1.40 09
		04:15	دا. 40	

Figure C-112 CHLOROFORM CONCENTRATIONS (ug/l) TASK 4, 4th QUARTER DENVER AQUIFER SOURCE: ESE, 1987

Prepared for: U.S. Army Program Manager's Office For Rocky Mountain Arsenal

				0 1/4 1/2 1 Mile
20	29	. 32	05	.80
6	30	*0.610 31	, 40.610 , 40.610 , 06	07
	\$0.610 \$0.610 25 \$0.610 \$0.610		01:	.0.610
 <0.610 	0.00	.0.610 .0.610 .0.610 .0.610 .0.610		11.
610	27 2.74	.0.610 34 .0.610 .0.610	.0.610 .0.610	
	, .0.610 .0.610	\$0.610 \$0.610 \$0.610 \$0.610 \$0.610	0.610 (0.610 0.610 (0.610 0.610 0.610 0.610 0.610 0.610 0.610	610

Figure C-113 12DCLE CONCENTRATIONS (ug/l) TASK 4, 3rd QUARTER ALLUVIAL AQUIFER SOURCE: ESE, 1987

Prepared for: U.S. Army Program Manager's Office For Rocky Mountain Arsenal Aberdeen Proving Ground, Merylend

										Y	X	0 1/4 1/2 1 Mile
	20			59			32		05			80
\$0.618	19•			30	*0.610 *0.610	,0.610 ,0.610	31		0.610 0.610 0.610		*0.610 *0.610	07
	24 .0.610		•0.610	.0.610 25 .0.610	•0.610	\$0.610 \$0.610 \$0.610	.40.610 36	, 40.610 , 40.610	° 6.610 ° 6.0510	.<0.610 .<0.610		12 *0.610 *0.610
<0.610°		.0.610 .0.610 .0.610 .0.610	<0.610		.40.610 .0.610	.0.610 .0.610 .0.610 .0.610 .0.610	35 40.618	°<0.610	.0.610 .0.610 .0.610 .0.610 .0.610 .0.610 .0.610			
		22610			<0.610	• <0.610	34		03			
				0.610	28	\$0.610 \$0.610 \$0.610	33	0.610 . 0.610	*0.610 04		•0.610	60

Figure C-114 12DCLE CONCENTRATIONS (ug/l) TASK 4, 3rd QUARTER DENVER AQUIFER SOURCE: ESE, 1987

Prepared for:
U.S. Army Program Manager's Office
For Rocky Mountain Arsenal
Aberdeen Proving Ground, Merylend

				0 1/4 1/2 1 Mile
20	29	32	05	08
61	30	*0.610 31	, <0.610 , <0.610 , 06	07
	.0.610 25 <0.610 .0.610	22.3 22.3 36 36 61.0 0.610 30.610 0.0.610	019.	12.00.610
 <0.610 <0.610 <0.610 <0.610 <0.610 <0.610 <0.610 <0.610 	0.610, <0.610, <61.0 <0.610, 19.9 <0.610 <0.610 <0.610 <0.610 <0.610 1.32	.0.610 0.776 .0.610 .0.610		11.
22	\$0.610 \$0.610 \$0.610 \$0.610	.0.610 34 .0.610 .0.610	.0.610 co.610 03 .0.610	
	28 .0.610	\$0.610 \$0.618 \$0.619 \$0.610 \$0.610 \$0.610	0.610 0.610 0.610 0.610 0.610 0.610 0.610 0.610 0.610 0.610 0.610 0.610 0.610	. 0.610 09 . 0.610

Figure C-115 12DCLE CONCENTRATIONS (ug/I) TASK 4, 4th QUARTER ALLUVIAL AQUIFER SOURCE: ESE, 1987

Prepared for:
U.S. Army Program Manager's Office
For Rocky Mountain Arsenal
Aberdeen Proving Ground, Maryland

		-Z-	0 1/4 1/2 1 Mile
29	.32	05	80
3.00.610	<.0.610 <0.610 31	0.610 0.610 0.610	.0.610 .0.610 07
\$0.610 \$0.610 \$0.610 \$0.610	\$0.610 \$0.610 \$0.610 3.6 \$0.610 \$0.610	\$0.610 01	12 <0.610 <0.610
.40.610 26 .40.610 0.624 .0.610	35 (0.610 0.610 0.610 0.610 0.610 0.610		11
\$0.610 \$0.610 27 \$0.610	3.4	.6.610 <3.50 0.3	
28	\$0.610 \$33 \$0.610 \$300	\$0.610 \$0.610 04	• 0.610 0.9
	\$\begin{array}{c} \cdot 0 & \cdot 0 \\ \cdot 0.610	28 20.610 20.610 26 26.610 26.610 30 28 27 26 26.610 30.610 30.610 38 30.610 30.610 30.610 30.610 36 30.610 30.610 30.610 30.610 33 34 35 36.610 36.610 33 36.610 36.610 36.610 33 36.610 36.610 36.610 33 36 35 36.610 36.610 34 35 36.610 36.610 36.610 36.610 36.610	28 30,610 30,610 30,610 30 29 28 30,610 30,6

Figure C-116 12DCLE CONCENTRATIONS (ug/l) TASK 4, 4th QUARTER DENVER AQUIFER SOURCE: ESE, 1987

Prepared for: U.S. Army Program Manager's Office For Rocky Mountain Arsenal

Aberdeen Proving Ground, Maryland

·			Z-	0 1/4 1/2
20	59	. 32	05	• 80
61	30	51.70	41.70 06.170	07.170
1.70	<1.70<1.70<1.70	\$\begin{align} \$\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	0.1	12 •1.70
\$\\ \frac{1.70}{\cdot 1.70} \\ \tag{41.70} \\	41.70 • 41.70 • 41.70 • 41.70 • 41.70 • 41.70 • 41.70 • 41.70 • 41.70 • 41.70 • 41.70 • 41.70 • 41.70 • 41.70	\$1.70 \$1.70 \$1.70 \$1.70 \$35 \$1.70	\$1.70 \$1.70 02 \$1.70	11.**
1.70	\$1.70 \$1.70 \$1.70 \$1.70	34	03 41.70	
	28 1.35	\$1.70 \$1.78 \$1.78 \$1.70 \$1.70	\$1.70 \$1.70 \$1.70 \$1.70 \$1.70 \$1.70 \$1.70 \$1.70 \$1.70 \$1.70 \$1.70	°4.70 °4.70 °0.70

Figure C-117 111TCE CONCENTRATIONS (ug/l) TASK 4, 3rd QUARTER ALLUVIAL AQUIFER SOURCE: ESE, 1987

Prepared for:
U.S. Army Program Manager's Office
For Rocky Mountain Arsenal
Aberdeen Proving Ground, Meryland

			-Z-	0 1/4 1/2 1 Mile
20	29	32	05	80
19.	30.	41.70 41.70 31	41.70 67.75 006	61.70
24 *1.70	\$1.70 \$1.70 25 \$1.78 \$1.70	\$1.70 \$1.70 \$36 \$1.70 \$1.70	\$1.70 01 \$1.70 01	12 \$1.70
\$1.70 \$1.70 \$1.78 \$1.78 \$1.70 \$1.70	\$1.70 \$1.70 \$4.70 \$1.70 \$1.70	35 41.70	\$1.70 \$1.78 \$1.78 \$1.78 \$1.78	11.**
22	27 27	*1.70 34	03	
	28 41.70	\$1.70 33 \$1.70 \$1.70	*1.70 04	0.9
		* ~,.		

Figure C-118 111TCE CONCENTRATIONS (ug/l) TASK 4, 3rd QUARTER DENVER AQUIFER SOURCE: ESE, 1987

Prepared for:
U.S. Army Program Manager's Office
For Rocky Mountain Arsenal
Aberdeen Proving Ground, Meryland

·				0 1/2
20	29	32	05	08
9.	30	*1.70 31	*1.70 *1.70 06	07.15
\$1.70 • • 3.1 \$1.70 \$1.70 24 \$1.70	 <1.70 <1.70 <1.70 <1.70 		53.	12 1.70
<1.70 23 <1.70 <1.70 <1.70 <1.70 <1.70 <1.70 <1.70 <1.70 <1.70 <1.70	\$1.70 \$1.70	35 (1.70		11.70
	\$1.70 \$1.70 \$1.70 \$1.70 \$1.70	34	\$1.70 \$1.70 \$1.70 \$1.70	
	.1.36 1.36	\$1.70 \$1.78 \$1.75 \$1.70 \$1.70	\$\\\^{\cdot 1.70} \cdot	°.1.70 09 °.1.70

Figure C-119 111TCE CONCENTRATIONS (ug/I) TASK 4, 4th QUARTER ALLUVIAL AQUIFER SOURCE: ESE, 1987

Prepared for: U.S. Army Program Manager's Office For Rocky Mountain Arsenal Aberdeen Proving Ground, Marylend

				7, 0
20	29	32	05	08
\$1. 7 8	30	41.70 41.70 31	94:78	61:78
	41.70 25 41.78 ·		\$1.78 \$1.70 01 \$1.70 \$41.78	12 12 41:78
 <1.70 <1.70 <1.70 <1.70 <1.70 <1.70 	48.50 26 41.70 41.70 41.70	35 (8.50 (1.70 (1.70 (1.70 (1.70	41.70 41.70 41.78 41.78 02 41.78 41.70 41.70	11.
22 22	. ₩	*.e.50 34	*1.70 <8.50	
	28	\$1.70 \$33 \$1.70 \$5.00	°.5.00 °.1.70 04	•1.70 09

Figure C-120 111TCE CONCENTRATIONS (ug/I) TASK 4, 4th QUARTER DENVER AQUIFER SOURCE: ESE, 1987

Prepared for:
U.S. Army Program Manager's Office
For Rocky Mountain Arsenal
Aberdeen Proving Ground, Meryland

			-Z	0 1/4 1/2 1 Mile
20	29	. 32	05	•08
. 19	30	. 2.40	,<2.40 ,<2.40 0.6	07.2.40
.4.22<2.40 <2.40 24 .<2.40	·2.40 25 <2.40 ·2.40		<24.0	. 2.40
\$2.40 \$2.40 \$2.40 \$2.40 \$2.40 \$2.40 \$2.40 \$2.40 \$2.40 \$2.40 \$2.40	2.40 2.40 2.40 2.40	.2.40 .2.40 .2.40 .2.40 .2.40 .2.40		11.
	.2.40 .2.40 27 .2.40	.2.40 34 .2.40 .2.40	<2.40 <2.40 <2.40	
	28 (2.40	.2.40 .2.40 .2.40 .2.40 .2.40 .2.40	.2.40	.2.40 .2.40 09 .2.40

Figure C-121 CCL4 CONCENTRATIONS (ug/I) TASK 4, 3rd QUARTER ALLÜVIAL AQUIFER SOURCE: ESE, 1987

Prepared for:
U.S. Army Program Manager's Office
For Rocky Mountain Arsenal
Aberdeen Proving Ground, Meryland

		· ·			·s									, y, 0
	20				29			32			05			08
<2.48 2.48	. 61			•	30	\$2.45	· 22:40	31		-2.48 -2.48	90		\$2.40 \$2.40	20
	24 .2.40		.<2.40	•	<2:40 25 <2:48	.2.40	1	.2.40 36	.2.40	07.00	.2.40 01 .2.48	•<2.40 •<2.40		22.40 2.40
<2.40	.<2.40	\$2.40 \$2.40 \$2.40 \$2.40 \$2.40	<2.40	.<2.40	26 - 22.40	2.40 . 2.40	\$2.40 \$2.40 \$2.40 \$2.40 \$2.40	35 <2.40	·<2.40	<.2.40 9.53 <2.40 \$2.40	\$178 \$2.40 02 7.54 \$2.40 \$2.40			11.
		22		<2.40 <2.40	•	<2.40	.<2.40	34			03			
					\$2.48	58	*2.40 *2.40 *2.40	33	<2.40 <2.40		04		<2.40	60

Figure C-122 CCL4 CONCENTRATIONS (ug/I) TASK 4, 3rd QUARTER DENVER AQUIFER SOURCE: ESE, 1987

Prepared for: U.S. Army Program Manager's Office For Rocky Mountain Arsenal Aberdeen Proving Ground, Maryland

			7	2/, 1/2
20	29	32	0.5	80
. 19	30	·2.40 31	,<2.40 ,<2.40 06	07.
2.66 • • <2.40 <2.40 <2.40 24	<2.40<2.40<2.40<2.40		42.40	.2.40
 <2.40 <2.40 <2.40 <2.40 <2.40 <2.40 <2.40 <2.40 <2.40 	2.40 . <2.40 . <240 . <240 . <240 . <240 . <240 . <2.40 . <2.40 . <2.40 . <2.40 . <2.40 . <2.40 . <2.40 . <2.40 . <2.40 . <2.40 . <2.40 . <2.40 . <2.40 . <2.40 . <2.40 . <2.40 . <2.40 . <2.40 . <2.40 . <2.40 . <2.40 . <2.40 . <2.40 . <2.40 . <2.40 . <2.40 . <2.40 . <2.40 . <2.40 . <2.40 . <2.40 . <2.40 . <2.40 . <2.40 . <2.40 . <2.40 . <2.40 . <2.40 . <2.40 . <2.40 . <2.40 . <2.40 . <2.40 . <2.40 . <2.40 . <2.40 . <2.40 . <2.40 . <2.40 . <2.40 . <2.40 . <2.40 . <2.40 . <2.40 . <2.40 . <2.40 . <2.40 . <2.40 . <2.40 . <2.40 . <2.40 . <2.40 . <2.40 . <2.40 . <2.40 . <2.40 . <2.40 . <2.40 . <2.40 . <2.40 . <2.40 . <2.40 . <2.40 . <2.40 . <2.40 . <2.40 . <2.40 . <2.40 . <2.40 . <2.40 . <2.40 . <2.40 . <2.40 . <2.40 . <2.40 . <2.40 . <2.40 . <2.40 . <2.40 . <2.40 . <2.40 . <2.40 . <2.40 . <2.40 . <2.40 . <2.40 . <2.40 . <2.40 . <2.40 . <2.40 . <2.40 . <2.40 . <2.40 . <2.40 . <2.40 . <2.40 . <2.40 . <2.40 . <2.40 . <2.40 . <2.40 . <2.40 . <2.40 . <2.40 . <2.40 . <2.40 . <2.40 . <2.40 . <2.40 . <2.40 . <2.40 . <2.40 . <2.40 . <2.40 . <2.40 . <2.40 . <2.40 . <2.40 . <2.40 . <2.40 . <2.40 . <2.40 . <2.40 . <2.40 . <2.40 . <2.40 . <2.40 . <2.40 . <2.40 . <2.40 . <2.40 . <2.40 . <2.40 . <2.40 . <2.40 . <2.40 . <2.40 . <2.40 . <2.40 . <2.40 . <2.40 . <2.40 . <2.40 . <2.40 . <2.40 . <2.40 . <2.40 . <2.40 . <2.40 . <2.40 . <2.40 . <2.40 . <2.40 . <2.40 . <2.40 . <2.40 . <2.40 . <2.40 . <2.40 . <2.40 . <2.40 . <2.40 . <2.40 . <2.40 . <2.40 . <2.40 . <2.40 . <2.40 . <2.40 . <2.40 . <2.40 . <2.40 . <2.40 . <2.40 . <2.40 . <2.40 . <2.40 . <2.40 . <2.40 . <2.40 . <2.40 . <2.40 . <2.40 . <2.40 . <2.40 . <2.40 . <2.40 . <2.40 . <2.40 . <2.40 . <2.40 . <2.40 . <2.40 . <2.40 . <2.40 . <2.40 . <2.40 . <2.40 . <2.40 . <2.40 . <2.40 . <2.40 . <2.40 . <2.40 . <2.40 . <2.40 . <2.40 . <2.40 . <2.40 . <2.40 . <2.40 . <2.40 . <2.40 . <2.40 . <2.40 . <2.40 . <2.40 . <2.40 . <2.40 . <2.40 . <2.40 . <2.40 . <2.40 . <2.40 . <2.40 . <2.40 . <2.40 . <2.40 . <2.40 . <2.40 . <2.40 . <2.40 . <2.40 . <2.40 . <2.40 . <2.40 . <2.40 . <2.40 . <2.40 . <2.4	\$2.40 \$2.40 \$2.40		11.
	.2.40 .2.40 .2.40 .2.40 .2.40 .2.40	.c.40 34 .c.40 .c.40	\$2.40 \$2.40 03 \$2.40 \$2.40	
	28 .2.40	2.40 2.40 2.40 3.2.40 2.40 3.2.40	.2.40	.2.40 09 .2.40

Prepared for:
U.S. Army Program Manager's Office
For Rocky Mountain Arsenal
Aberdeen Proving Ground, Merylend

1 Mile

Figure C-123 CCL4 CONCENTRATIONS (ug/l) TASK 4, 4th QUARTER ALLUVIAL AQUIFER SOURCE: ESE, 1987

24 <2.40 19 20	2.40 25 \$2.48 30 29 2.402.48	 <2.40 <2.40 52.40 31 32 32.40 	\$2.48 \$2.48 06 05	
2.40 (92 0	\$2.40 \$2.40 \$2.40 \$2.40 \$2.40 \$2.40 \$2.40 \$3.40	• • • • • • • • • • • • • • • • • • • •	11
2	\$2.40 \$2.40 \$2.40 \$2.40	. 49.60 34	•2.40 <12.0 03	

Figure C-124 CCL4 CONCENTRATIONS (ug/I) TASK 4, 4th QUARTER DENVER AQUIFER SOURCE: ESE, 1987

Prepared for:
U.S. Army Program Manager's Office
For Rocky Mountain Arsenal
Aberdeen Proving Ground, Maryland

				0 1/2 1 Mile
20	29		05	• 08
9	30	·1.10 31	•1.10 • <1.10 06	07
1.77 • • • • • • • • • • • • • • • • • •	.1.10 .1.10 25 <1.10 .1.10	\$.09 ************************************	011	. 12 <1.10
 <1.10 	<pre><1.10</pre>	35 (1.10 ° 1.10 ° 1.10 ° 1.10 ° 1.10 ° 1.10 ° 1.10 ° 1.10		. 11
	2.19 <1.10 <1.10 <1.10 2.19 <1.10 <1.10	\$4.10 34 \$4.10 \$1.10	c1.10 c1.10 c1.10	
	28 28 31.10	6.89 6.89 6.89 6.89	4.34 <1.10	. <1.10 <1.10 09 . 4.89

Figure C-125 TRCLE CONCENTRATIONS (ug/I) TASK 4, 3rd QUARTER ALLUVIAL AQUIFER SOURCE: ESE, 1987

Prepared for:
U.S. Army Program Manager's Office
For Rocky Mountain Arsenal
Aberdeen Proving Ground, Maryland

		7-	2/2 1/2
29	32	80	088
30	\$4:10 \$4:10 \$31	01:10 06	41.18
\$1.10 \$1.10 25 \$1.10	\$1.10 \$1.10 \$1.10 \$1.10 \$1.10	\$1:18 \$1.10 01 \$1.10 \$4:18	12 4:10 4:10
\$1.10 \$1.10 \$6.110 \$1.10 \$1.10	35 4110 35 4110	\$1.10 \$1.10 \$1.10 \$1.10 \$1.10	11
25. 66.	·1.10 34	03	
28	33 (1.10	•5.01 04	*1.10 09
	41.10	41.10	110 110

Figure C-126 TRCLE CONCENTRATIONS (ug/I) TASK 4, 3rd QUARTER DENVER AQUIFER SOURCE: ESE, 1987

Prepared for:
U.S. Army Program Manager's Office
For Rocky Mountain Arsenal
Aberdeen Proving Ground, Meryland

			Z-	7, 7, 0
20	59	32	05	08
0.1	30	·1.10 31	,<1.10 ,<1.10 06	070.10
1.31 <1.10 <1.10 <1.10 24 <1.10	41.10 25 41.10°	5.64 • • • • • • • • • • • • • • • • • • •	B 10	12
<1.10 23 <1.10 23 <1.10 7.1 • 1.10 • 1.48	\$\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	\$64° \$1.10 \$1.10 \$1.10		11.10
	\$1.10 \$1.10 \$1.10 \$27 \$1.10	\$4.10 34 \$1.10 \$1.10	\$1.10 \$1.10 03 \$1.10	
	\$28 \$1.10	\$1.10 \$1.70 \$1.10 \$6.55 \$2.4 \$1.10	4.29 <1.10 <1.10 4.29 <1.10 41.10 61.10 04 51.9	10 09 .6.72

Figure C-127 TRCLE CONCENTRATIONS (ug/I) TASK 4, 4th QUARTER ALLUVIAL AQUIFER SOURCE: ESE, 1987

Prepared for:
U.S. Army Program Manager's Office
For Rocky Mountain Arsenal
Aberdeen Proving Ground, Maryland

			7	7, 7, 0
20	. 29	32	05	80
19	30	\$\frac{1}{1}} \$31	\$1:18 00	4:18
\$4:18 24 *1.10	41.10 25 41.10		.41.10 01 .41.10 .41.18	41:18
<1.10<1.10<1.10<1.10<1.10<1.10	\$1.10 \$1.10 \$6.33 \$1.10	\$1.10 2.02 \$1.10 \$1.10 \$1.10	\$1.18 \$1.18 \$1.18 \$1.18 \$1.10	11.10
22	. 7		*1.10 <1.10 03	
	45.50 41.10	\$1.10 \$1.10 \$33 \$1.10 \$4.99	°.4.59 °.1.10 0.4	°.1.10 09

Figure C-128 TRCLE CONCENTRATIONS (ug/l) TASK 4, 4th QUARTER DENVER AQUIFER SOURCE: ESE, 1987

Prepared for:
U.S. Army Program Manager's Office
For Rocky Mountain Arsenal
Aberdeen Proving Ground, Meryland

			- Z-	0 1/4 1/2 1 Mile
20	29		05	• 80
6	30	.* 3.1	*1.00 *1.00 06	007.1.00
*1.00 • •1.00 *1.00	*1.00 *1.00 \$1.00	 <a href="</td"><td>001</td><td>12.1.00</td>	001	12.1.00
 <1.00 	00.00	*1.00 *1.00 *1.00 35 *1.00 *1.00		11.00
	\$1.00 \$1.00 \$1.00 \$1.00	\$1.00 34 \$1.00 \$1.00	03 1.00 1.00	
	28 1.00 1.00 1.00		(1.00 (1.00 (1.00) (1.0	*1.00 *1.00 09 *1.00

Figure C-129 112TCE CONCENTRATIONS (ug/l) TASK 4, 3rd QUARTER ALLUVIAL AQUIFER SOURCE: ESE, 1987

Prepared for:
U.S. Army Program Manager's Office
For Rocky Mountain Arsenal
Aberdeen Proving Ground, Meryland

	0 1
32 29 05	08
30. 30. 30. 30. 30. 30. 30. 30. 30. 30.	41.00
\$\frac{1.00}{\frac{1.00}{\$\frac{1.00}{\$\frac{1.00}{\$\frac{1.00}{\$\frac{1.00}{\frac{1.00}{\$\frac{0.00}{\$\frac{1.00}{\$\frac{1.00}{\$\frac{1.00}{\$\frac{1.00}{\$	1.00 1.00
\$\\\ \frac{1.00}{\cdot\} \\ \frac{1.00}{\cdod	11.00
\$\frac{1.00}{\$\cdot \frac{1.00}{\$\cdot \frac{1.00}{	
\$5.00 \$1.00 \$1.00 \$33 \$1.00 \$5.00 \$0.4	00.00

Figure C-130 112TCE CONCENTRATIONS (ug/l) TASK 4, 3rd QUARTER DENVER AQUIFER SOURCE: ESE, 1987

Prepared for:
U.S. Army Program Manager's Office
For Rocky Mountain Arsenal
Aberdeen Proving Ground, Maryland

			- Z-	0 1/4 1/2 1 Mile
20	29	32	05	08
. 61	30	41.00	*1.00 • <1.00 06	. • 1.00
<1.00<1.00<1.00<td>1.001.00251.001.00</td><td> <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 </td><td><1.00<1.00<1.00<1.00</td><td>. 12 .1.00</td>	1.001.00251.001.00	 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 <1.00 	<1.00<1.00<1.00<1.00	. 12 .1.00
 <1.00 	\$\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	<1.00<1.00<1.00<1.00<1.00		11.00
	\$1.00 \$1.00 \$1.00 \$1.00 \$1.00	34	\$1.00 \$1.00 03 \$1.00 \$1.00	
	28 28 1.00	\$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00	04.00	.*00 09 .*00

Figure C-131 112TCE CONCENTRATIONS (ug/l) TASK 4, 4th QUARTER ALLUVIAL AQUIFER SOURCE: ESE, 1987

Prepared for:
U.S. Army Program Manager's Office
For Rocky Mountain Arsenal
Abardeen Proving Ground, Maryland

			% 0
29	32	05	08
30	\$\\\^\\\\^\\\\\\\\\\\\\\\\\\\\\\\\\\\\	 80 90	
\$1.00 \$1.88 25 \$1.88	• • • •	\$5.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00	1.00 41.00 1.00
 <1.00 <1.00 <1.00 <1.00 <1.00 	41.00 41.00 55 41.00 41.00 41.00	41.00	11.00
27	*5.00 34	*1.00 <1.00 03	
45.00	\$1.00 \$1.00 \$33 \$1.00 \$5.00	.45.00 .1.00 0.4	• • • • • • •
	\$\frac{1.00}{1.00}\$\tag{1.00}\$\ta	\$\frac{\xi_{1.00}}{\xi_{1.00}} \tag{\xi_{1.00}}{\xi_{1.00}} \xi_{1.00	\$\frac{45.00}{45.00}\$ \text{\$\frac{1.00}{41.00}}\$ \$\

Figure C-132 112TCE CONCENTRATIONS (ug/I) TASK 4, 4th QUARTER DENVER AQUIFER SOURCE: ESE, 1987

Prepared for:
U.S. Army Program Manager's Office
For Rocky Mountain Arsenal
Aberdeen Proving Ground, Maryland

				0 1/2 1/2
20	29	32	05	•80
. 6	30	` . 1.30 31	*1.30 *1.30 06	07
49.2 • •1.30 •1.30 24 •1.30	1.301.30251.301.30	15.4 ° 1,38 ° 1,30 ° 36 ° 36 ° 30 ° 164 ° 1,30 ° 1,30 ° 36 ° 1,30 ° 164 ° 1,30 ° 1,30 ° 164 ° 1,30 ° 1,30 ° 164 ° 1,30 ° 1,30 ° 1,30 ° 164 ° 1,30 ° 1	01	12.30
<1.30 <1.30 <1.30 <1.30 <1.30 <1.30 <1.30 <1.30 <1.30 <1.30 <1.30	41.30 • <1.30 • <1.30 • <1.30 • <1.30 • <1.30 • <1.30 • <1.30 • <1.30 • <1.30 • <1.30 • <1.30	\$1.30 \$1.30 \$15.4 \$1.30 \$1.30 \$1.30		11 \$ \$1,30
	\$1.30 \$1.30 \$1.30 \$1.30	°1.30 34 °1.30 °1.30	<1.30 03 1.30 1.30	
	28 1.30	41.30 41.30 41.30 41.30 41.30	2.11 <1.30 (,1,30 2.43 09

Figure C-133 TCLEE CONCENTRATIONS (ug/I) TASK 4, 3rd QUARTER ALLUVIAL AQUIFER SOURCE: ESE, 1987

Prepared for:
U.S. Army Program Manager's Office
For Rocky Mountain Arsenal
Aberdeen Proving Ground, Maryland

		— Z—	0 1/2 1/2 1 Mi
29	. 32	05	80
. 30	4.30 4.30 3.30	1.30 4.30 0.6	130 07
*1.30	• • • •	. 1.30 01 61.30 01 61.30 01	1.30 4.30 5.30
26 130 26 130 130 130 130	35 (1.30 (1.30 (1.30 (1.30 (1.30 (1.30 (1.30	41.30 41.30 41.30 61.30 61.30 61.30	11.30
27	.*1.30 34	03	
28	\$1.30 \$1.30 \$1.30 \$1.30	•1.30	• 41.30 09
	\$\frac{1}{4}\frac{1}{30}\$\$\tau^{-1}\frac{1}{4}\frac{1}{30}\$\$\tau^{-1	130 130	130 130

Figure C-134 TCLEE CONCENTRATIONS (ug/l) TASK 4, 3rd QUARTER DENVER AQUIFER SOURCE: ESE, 1987

U.S. Army Program Manager's Office For Rocky Mountain Arsenal Aberdeen Proving Ground, Maryland Prepared for:

				2, 2, 0
20	29	32	05	80
	30	ما.30	•1.30 • 1.30 06	07
48.2 • • <1.30 8.2 <1.30 24 <1.30	1.301.30251.301.30	. (1.30 . 1.55 36 (130 .130 .130 .130	11.6	12 <1.30
<1.30 <1.30 <1.30 <1.30 <1.30 <1.30 <1.30 <1.30 <1.30 <1.30 <1.30 <1.30 <1.30 <1.30 <1.30 <1.30 <1.30 <1.30 <1.30 <1.30 <1.30 <1.30 <1.30 <1.30 <1.30 <1.30 <1.30 <1.30 <1.30 <1.30 <1.30 <1.30 <1.30 <1.30 <1.30 <1.30 <1.30 <1.30 <1.30 <1.30 <1.30 <1.30 <1.30 <1.30 <1.30 <1.30 <1.30 <1.30 <1.30 <1.30 <1.30 <1.30 <1.30 <1.30 <1.30 <1.30 <1.30 <1.30 <1.30 <1.30 <1.30 <1.30 <1.30 <1.30 <1.30 <1.30 <1.30 <1.30 <1.30 <1.30 <1.30 <1.30 <1.30 <1.30 <1.30 <1.30 <1.30 <1.30 <1.30 <1.30 <1.30 <1.30 <1.30 <1.30 <1.30 <1.30 <1.30 <1.30 <1.30 <1.30 <1.30 <1.30 <1.30 <1.30 <1.30 <1.30 <1.30 <1.30 <1.30 <1.30 <1.30 <1.30 <1.30 <1.30 <1.30 <1.30 <1.30 <1.30 <1.30 <1.30 <1.30 <1.30 <1.30 <1.30 <1.30 <1.30 <1.30 <1.30 <1.30 <1.30 <1.30 <1.30 <1.30 <1.30 <1.30 <1.30 <1.30 <1.30 <1.30 <1.30 <1.30 <1.30 <1.30 <1.30 <1.30 <1.30 <1.30 <1.30 <1.30 <1.30 <1.30 <1.30 <1.30 <1.30 <1.30 <1.30 <1.30 <1.30 <1.30 <1.30 <1.30 <1.30 <1.30 <1.30 <1.30 <1.30 <1.30 <1.30 <1.30 <1.30 <1.30 <1.30 <1.30 <1.30 <1.30 <1.30 <1.30 <1.30 <1.30 <1.30 <1.30 <1.30 <1.30 <1.30 <1.30 <1.30 <1.30 <1.30 <1.30 <1.30 <1.30 <1.30 <1.30 <1.30 <1.30 <1.30 <1.30 <1.30 <1.30 <1.30 <1.30 <1.30 <1.30 <1.30 <1.30 <1.30 <1.30 <1.30 <1.30 <1.30 <1.30 <1.30 <1.30 <1.30 <1.30 <1.30 <1.30 <1.30 <1.30 <1.30 <1.30 <1.30 <1.30 <1.30 <1.30 <1.30 <1.30 <1.30 <1.30 <1.30 <1.30 <1.30 <1.30 <1.30 <1.30 <1.30 <1.30 <1.30 <1.30 <1.30 <1.30 <1.30 <1.30 <1.30 <1.30 <1.30 <1.30 <1.30 <1.30 <1.30 <1.30 <1.30 <1.30 <1.30 <1.30 <1.30 <1.30 <1.30 <1.30 <1.30 <1.30 <1.30 <1.30 <1.30 <1.30 <1.30 <1.30 <1.30 <1.30 <1.30 <1.30 <1.30 <1.30 <1.30 <1.30 <1.30 <1.30 <1.30 <1.30 <1.30 <1.30 <1.30 <1.30 <1.30 <1.30 <1.30 <1.30 <1.30 <1.30 <1.30 <1.30 <1.30 <1.30 <1.30 <1.30 <1.30 <1.30 <1.30 <1.30 <1.30 <1.30 <1.30 <1.30 <1.30 <1.30 <1.30 <1.30 <1.30 <1.30 <1.30 <1.30 <1.30 <1.30 <1.30 <1.30 <1.30 <1.30 <1.30 <1.30 <1.30 <1.30 <1.30 <1.30 <1.30 <1.30 <1.30 <1.30 <1.30 <1.30 <1.30 <1.30 <1.30 <1.30 <1.30 <1.30 <1.30 <1.30 <1.30 <1.30 <1.30 <1.30 <1.30 <1.30 <1.30 <1.30 <1.30 <1.30 <1.30 <1.30 <1.30 <1.30	<pre><1,30</pre>	. 11	*1.30 02 1.36 *1.30 *1.36	11.30
22 22	1.30 <1.30 \$1.30	\$1.30 34 \$1.30 \$1.30	1.301.301.301.301.30	
	28 .1.30	\$1.30 \$1.30 \$1.30 \$1.30 \$1.30 \$1.30	04 1.30 1.30 1.30 1.30 1.30 1.30 1.30 1.30	2.26 09 2.58

Figure C-135 TCLEE CONCENTRATIONS (ug/l) TASK 4, 4th QUARTER ALLUVIAL AQUIFER SOURCE: ESE, 1987

Prepared for:
U.S. Army Program Manager's Office
For Rocky Mountain Arsenal
Aberdeen Proving Ground, Merylend

			Z	0 1/2 1/2
20	29	32	05	80
06 05.	30	\$1.30 \$1.30 3.1	41.30 61.30 0.6	4.30
24 <1.30	*1.30 \$\frac{1,30}{5,30} 25 \frac{1,30}{5,30}		\$1.30 01 \$1.30 01 \$1.30 01	1. 1.30 3.30
1.30 1.30 23 1.30 1.30	\$\(\cdot\).26 \(\cdot\).30 \(26 \cdot\).30 \(\cdot\).30 \(\cdo\).30 \(\cdo\).30 \(\cdo\).30 \(\cdo\).30 \(\cdo\).30 \(\cdo\).30 \(\cdo\	35 6.30 35 6.30 35 6.30 6.31	\$1.30 \$1.30 \$1.30 \$1.30 \$1.30 \$1.30 \$1.30	11.30
22	. 5	30 34	- 1.30 <1.30 03	
	28	33	*1.30 *1.30 04	•1.30 09

Figure C-136 TCLEE CONCENTRATIONS (ug/I) TASK 4, 4th QUARTER DENVER AQUIFER SOURCE: ESE, 1987

Prepared for:
U.S. Army Program Manager's Office
For Rocky Mountain Arsenal
Aberdeen Proving Ground, Merylend

			Z	0 1/2 1/2 1 1 N
20	29	32	05	• 08
6	30	, 165 31	82.4 25.5 06	07
181	53.8 140 25 167 29.5	. \$330 . 3140 . 36 . 36 . 325 . 189 . 152	794	. 12
275322 778 23 1790 4 2430 783 981 5970	1450 1310 2800 564 5180 303 303 682 26 896 174	274 694 823 215 35 277 739		6 11
	116 807 683 683 122	.105 34 .68.2 .111	120 03 120 68.6	
	28 83.4	57.7 50.2 50.2 50.1 50.1 50.3 79.3	34.16.7 96.4 99.5 37.7 93.5 37.7 93.5 04 59.7 69.2 68.2 18.3 7.5 18.3 18.3 18.3 18.3 18.3 18.3 18.3 18.3	• • • • • • • • • • • • • • • • • • •

Figure C-137 CLC6H5 CONCENTRATIONS (ug/I) TASK 4, 3rd QUARTER ALLUVIAL AQUIFER SOURCE: ESE, 1987

Prepared for: U.S. Army Program Manager's Office For Rocky Mountain Arsenal Aberdeen Proving Ground, Merylend

			-Z-	0 1/4 1/2 1 Mile
20	29	32	05	08
19 .0.5.5880 .0.5.5880	30	40.580 40.580 40.580 3.1	0.580 0.580 0.580	00.580 00.580 07
24 *0.580	*0.580 *0.580 25 <0.580 *0.580	.00	*0.580 *0.580 *0.580 *0.580	12 *0.580 *0.580
.0.580 23 .0.580 .0.580 .0.580 .0.580	\$0.580 \$0.580 \$26,\$263 \$7.6 \$0.580	\$8.3 \$0.580 \$0.580 \$0.580 \$0.580	 <0.580 <0.580 <0.580 <0.580 <0.580 <0.580 <0.580 	11.
~			03	
	28	\$0.580 \$0.580 \$0.580 \$3 \$0.580	0.580	•0.580 09

Figure C-138 CLC6H5 CONCENTRATIONS (ug/l) TASK 4, 3rd QUARTER DENVER AQUIFER SOURCE: ESE, 1987

Prepared for:
U.S. Army Program Manager's Office
For Rocky Mountain Arsenal
Aberdeen Proving Ground. Merylend

			— Z—	0 1/4 1/2 1 Mile
. 50	29	32	05	80
. 61	30	.co.580 31	, 40.580 06	07
.0.580 • • • • • • • • • • • • • • • • • • •	.0.580 .0.580 25 .0.580 .0.580		29<0.580<0.580<0.580	.0.580
 <0.580 <0.580 <0.580 <0.580 <0.580 <0.580 <0.580 	0.58	.0.580 5.77 .0.580 .0.580		11.
5.580	40.580 40.580 40.580 40.580 27 40.580	.<0.580 34 .<0.580 .<0.580	<0.580 <0.580 O3 <0.580 <0.580 <0.580 <0.580 <0.580 <0.580 <0.580 <0.580 <0.580 <0.580 <0.580 <0.580 <0.580 <0.580 <0.580 <0.580 <0.580 <0.580 <0.580 <0.580 <0.580 <0.580 <0.580 <0.580 <0.580 <0.580 <0.580 <0.580 <0.580 <0.580 <0.580 <0.580 <0.580 <0.580 <0.580 <0.580 <0.580 <0.580 <0.580 <0.580 <0.580 <0.580 <0.580 <0.580 <0.580 <0.580 <0.580 <0.580 <0.580 <0.580 <0.580 <0.580 <0.580 <0.580 <0.580 <0.580 <0.580 <0.580 <0.580 <0.580 <0.580 <0.580 <0.580 <0.580 <0.580 <0.580 <0.580 <0.580 <0.580 <0.580 <0.580 <0.580 <0.580 <0.580 <0.580 <0.580 <0.580 <0.580 <0.580 <0.580 <0.580 <0.580 <0.580 <0.580 <0.580 <0.580 <0.580 <0.580 <0.580 <0.580 <0.580 <0.580 <0.580 <0.580 <0.580 <0.580 <0.580 <0.580 <0.580 <0.580 <0.580 <0.580 <0.580 <0.580 <0.580 <0.580 <0.580 <0.580 <0.580 <0.580 <0.580 <0.580 <0.580 <0.580 <0.580 <0.580 <0.580 <0.580 <0.580 <0.580 <0.580 <0.580 <0.580 <0.580 <0.580 <0.580 <0.580 <0.580 <0.580 <0.580 <0.580 <0.580 <0.580 <0.580 <0.580 <0.580 <0.580 <0.580 <0.580 <0.580 <0.580 <0.580 <0.580 <0.580 <0.580 <0.580 <0.580 <0.580 <0.580 <0.580 <0.580 <0.580 <0.580 <0.580 <0.580 <0.580 <0.580 <0.580 <0.580 <0.580 <0.580 <0.580 <0.580 <0.580 <0.580 <0.580 <0.580 <0.580 <0.580 <0.580 <0.580 <0.580 <0.580 <0.580 <0.580 <0.580 <0.580 <0.580 <0.580 <0.580 <0.580 <0.580 <0.580 <0.580 <0.580 <0.580 <0.580 <0.580 <0.580 <0.580 <0.580 <0.580 <0.580 <0.580 <0.580 <0.580 <0.580 <0.580 <0.580 <0.580 <0.580 <0.580 <0.580 <0.580 <0.580 <0.580 <0.580 <0.580 <0.580 <0.580 <0.580 <0.580 <0.580 <0.580 <0.580 <0.580 <0.580 <0.580 <0.580 <0.580 <0.580 <0.580 <0.580 <0.580 <0.580 <0.580 <0.580 <0.580 <0.580 <0.580 <0.580 <0.580 <0.580 <0.580 <0.580 <0.580 <0.580 <0.580 <0.580 <0.580 <0.580 <0.580 <0.580 <0.580 <0.580 <0.580 <0.580 <0.580 <0.580 <0.580 <0.580 <0.580 <0.580 <0.580 <0.580 <0.580 <0.580 <0.580 <0.580 <0.580 <0.580 <0.580 <0.580 <0.580 <0.580 <0.580 <0.580 <0.580 <0.580 <0.580 <0.580 <0.580 <0.580 <0.580 <0.580 <0.580 <0.580 <0.580 <0.580 <0.580 <0.580 <0.580 <0.580 <0.580 <0.580 <0.580 <0.580 <0.580 <0.580 <0.580	
	28 .0.580	40.580 40.580 40.580 40.580 40.580 40.580	0.580 0.580	09 0.580

Figure C-139 CLC6H5 CONCENTRATIONS (ug/I) TASK 4, 4th QUARTER ALLUVIAL AQUIFER SOURCE: ESE, 1987

Prepared for:
U.S. Army Program Manager's Office
For Rocky Mountain Arsenal
Aberdeen Proving Ground, Maryland

		·											2, 1
	20			29			32			05			80
, 0.580 0.580	19			30	*0.580 <0.580	<0.580 <0.580 <0.580	31		0,5,80 0,580 0,580	90		0 × 0 × 0 × 0 × 0 × 0 × 0 × 0 × 0 × 0 ×	07
*0.580	<0.580 24 €0.580		<0.580	<0.580 25 <0.580 <0.580	•40.580		.0.580 36	,<0.580 ,0.580	\$ 005.580 005.580	-0.580 01	<0.580 <0.580		12 <0.580 <0.580
<0.580	.<0.580	.0.580 .0.580 .0.580	0.580	580 26580 3.17	9.36 1.98	\$0.580 \$0.580 \$0.580 \$0.580	35 40.580	0.580 0.580	*0.580 *0.580 *0.580 *0.580 *0.580	\$0.580 \$0.580 \$0.580	.0.580		11 0.580°
		22 .0.580		2,67 2,580 27	<0.580	•0.580	34		\$0.580 \$0.580	03			
				0000	28	, 0.580 , 0.580 , 0.580	33	0.580 .0.580		04		.0.580	60

Figure C-140 CLC6H5 CONCENTRATIONS (ug/l) TASK 4, 4th QUARTER DENVER AQUIFER SOURCE: ESE, 1987

Prepared for:
U.S. Army Program Manager's Office
For Rocky Mountain Arsenal
Aberdeen Proving Ground, Marylend

												0 1/4 1/2
20		29		•	32			የር	3			.80
9		30	,<0.580	<0.580	31		<0.580	, <0.580	90			07
.40.58040.580 .40.580 24 .40.580	.40.580	<0.580 25 <0.580	<0.580	*0.580 <0.580	• 1.98	6380 0.717 38000580	12.7	\$0.580 \$0.580	5	.<0.580 • 1.31		12.0.580
0.831 23 40.580 6.0.580 40.580 60.580 40.580	(0.580, <0.580 (0.580, 2.77 (0.580)		<0.580	.0.580 .0.580 5.76	35	,<0.580 ,0.580		<0.580	2.89 02 <0.580	* <0.580		11.
580	<0.580 <0.580 <0.580 <0.580	27 .0.580	080.05	•0.580	34	<0.580 .0.580				<0.580 <0.580		
		<0.580 28	\$40.580	.<0.580	60.580 60.580 60.580 73 60.580 73	, 0.580			04	<0.580 <0.580 <0.580	<0.580 <0.580	09

Figure C-141 CHLORIDE CONCENTRATIONS (mg/l) TASK 4, 3rd QUARTER ALLUVIAL AQUIFER SOURCE: ESE, 1987

Prepared for: U.S. Army Program Manager's Office For Rocky Mountain Arsenal

				, 0 , 1
20	29	32	05	80
. 87.2 19	. 03 . 03 . 03	24.9 29.7 3.1	15.5 15.3 0 6	528 07
24 36.9	20.5 31.8 25 25.4 15.1	182 258 258 36 137	28.2 12.8 1000 01 13.9	12 10.9
417 480 23 89.2 89.2 34 89.7	250 141 26 899 915 1300 739	\$6.9 \$5.1 \$5.1 \$5.1 \$65.1 \$63.9 \$63.9 \$89.7	118 7300 275 30.3 30.3 02 384 6.67	11 5.22
22	\$9 \$4.6 27	7.73 34	03	
	28 44.88 88.8	10.9 33 3.2 3.2 3.2	• 5.75 04	5.53 09
			 	<u> </u>

Figure C-142 CHLORIDE CONCENTRATIONS(mg/l) TASK 4, 3rd QUARTER DENVER AQUIFER SOURCE: ESE, 1987

Prepared for:
U.S. Army Program Manager's Office
For Rocky Mountain Arsenal
Aberdeen Proving Ground, Maryland

			-Z	0 1/2 1/2 1 Mile
20	59	32	05	08
<u>0</u>	30	31	74.1 • 27.5 06	07
180 . 204 167 119 24 136	54.5 134 25 168		781 111 01 63.6 • 76.2	12
264 738 23 1540 2160 1120 6460	798 1540 1210 3290 541 28100 297 724 26 870 1830	471 824 . 230 . 35 . 252 .	110 106 02 141 216	°.9 1 8
	378 116 763 27 1060	107 34 73.1 122	30.4 141 03 64 58.1	
	78.3	72.6 10.7 14.3 10.7 10.6 12.1	37.6, 102 48.3 98.4 48.3 104 04 50.6 83.5 50.3	107 09 126

Figure C-143 CHLORIDE CONCENTRATIONS (mg/l) TASK 4, 4th QUARTER ALLUVIAL AQUIFER SOURCE: ESE, 1987

			Z-	0 % %
20	29	32	05	80
19	30 34.5 34.5	29.6 31	11.8 12.88	471
51.9 46.4 24 41.2	28.4 25 14.4 36.4 17	20.4 198 231 36 36 141	26.5 12.1 714 01 25.8 14.9	33.9 82.8
518 23 282 101 282 349	217 128 26 54.5 948 3310 816	45.5 56.7 134 59.7 33.8 61.6 55.4	117 7550 303 45.6 5.53 02 413 6.67	11.
134	49.1 52 27	3.4	5.48 <4.8 03	
	28 44.8	12.1 31.5 33 10.2 <4.8	,4.8 ,4.8 04	5,66 09

Figure C-144 CHLORIDE CONCENTRATIONS(mg/l) TASK 4, 4th QUARTER DENVER AQUIFER SOURCE: ESE, 1987

Prepared for:
U.S. Army Program Manager's Office
For Rocky Mountain Arsenal
Aberdeen Proving Ground, Maryland

2.2	0 1/4 1/2 1 Mile	.00	2.86	12.1.22	2.3	
2.93	Z	05	06	01	2.26 02 1.74 1.22	03
2.5.589 4.17 2.58 4.17 2.26 2.31 10.3 2.27 2.15 2.2 5.31 2.293 2.27 2.26 1.46 2.27 2.15 2.93 2.33 1.59			-7	. 6.07 36 3.22 3.22	2.7 4.71 2.55 35 2.55	*1.22 34 *1.22 *1.22
3.9 · 3.82 2.2 · 1.62 4.85 2.3 2.4 1.45 1.9 2.35 4.17 2.58 4.17 10.3		59	30	25	3.15 7 226 12.1 6 1.78 1.78 2.9	2.56 2.93° 27 2.15
		20	6-		3.9 •• 3.82 3.9 •• 3.82 1.3 • 10.2 10.2	2.35 2.23 2.22

Figure C-145 FLOURIDE CONCENTRATIONS (mg/l) TASK 4, 3rd QUARTER ALLUVIAL AQUIFER SOURCE: ESE, 1987

			— Z—	2, 2, 2, 2, 2, 2, 2, 2, 2, 2, 2, 2, 2, 2
20	29	32	05	80
. 01 . 01	30	-1.22 1.59 3.1	41.22 41.22 0.6	23.69 2.14
24 41.22	1.25 4.22 25 41.22 41.22 25 1.62		1.	12 1.28
2.35 1.94 2.3 1.43 1.43 1.43 1.43 1.43	 1.22 1.51 2.04 1.52 	1,43 41,22 1,34 1,28 1,28 1,28 1,46 1,46	1.57 5.2 1.76 1.76 1.22 02 1.58 1.98	11
22	. %	34	03	
	2.33	1.71 1.41 3.3 1.75 <1.22	7 .13	1.29

Figure C-146 FLOURIDE CONCENTRATIONS (mg/l) TASK 4, 3rd QUARTER DENVER AQUIFER SOURCE: ESE, 1987

Prepared for: U.S. Army Program Manager's Office For Rocky Mountain Arsenal

				0 1/2 1/2 1 Mile
. 50	29	32	05	08
. <u>6</u>	30	31	*1.22 • 1.27 06	0.7
2.19 • 1.32 2 <1.22 24 1.42	1.3 2.96 25 <1.22		2.89	12 <1.22
3.5 3.3 2.3 3.5 2.82 3.51 3.5 2.82 3.51	2.28 2.02 2.28 2.02 2.28 2.02 3.96 2.33 1.94 26 1.33 1.52	1.82 4.98 2.34 3.5 1.56		1.36
.22.48 1.96 22	2.98 1.89	*1.22 *1.22	\$1.22 <1.22 03 <1.22 \$1.22	
	28 .1.22	\$\\\ \frac{1.22}{41.22} \\ \frac{1.22}{41.22	41.22 41.22 41.22 41.22 41.22 04 41.22 04 41.22 04 1.22 04 1.22 04 1.22 04 1.22 04 1.22 06 1.22 07 1.22 07 1.22 08 1	•1.22 09 •1.22

Figure C-147 FLOURIDE CONCENTRATIONS (mg/l) TASK 4, 4th QUARTER ALLUVIAL AQUIFER SOURCE: ESE, 1987

			Z	0 1/4 1/2 1 Mile
20	29	32	05	80
1.22 <1.22 19	30	1.5	41.22 41.22 06	1.29
-1.22 <1.22 24 *1.22	41.22 25 2.152 41.34	\$1.22 \$5.3 \$5.3 \$4.22	1.47 01 41.22 41.22 41.22 41.22 41.22 41.32	1.22 41.22
1.73 1.24 2.3 1.32 1.36 1.32	\$\frac{1.22}{26}\$\frac{21.22}{1.34}\$\frac{3.35}{1.34}\$\frac{3.35}{1.48}\$	\$\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	1.56 4.61 1.51 1.51 1.52 02 1.52 2.27 1.22	11
2	27 1.74 27 2.58	1.32 3.4	4.88 3 03	
	28.44	2.32 1.43 3.3 3.58 1.95	5.74 7.92 04	38 09
		~		

Figure C-148 FLOURIDE CONCENTRATIONS (mg/l) TASK 4 4th QUARTER DENVER AQUIFER SOURCE: ESE, 1987

Prepared for: U.S. Army Program Manager's Office For Rocky Mountain Arsenal

			— Z	0 1/2 1 Mile
20	29	32	05	• 008
6	30	•449 3.1	, 260 , 79.3 , 06	.1440
481 • 742 465 24 • 345	1180 2310 25 489 367	1950 1950 697	576 173 242 01 53.2 .90.9	130
3250 3250 23 2580 2580 335 1440	572 • 434 779 285 8670 267 267 222 26 310 579	121 218 4070 35 1040 154 266		11
	59.1 451 322 27 662 51.2	70.1 34 149 \$1.1	80.7 03 146 105	
	160	109 102 110 94.8 34.8 33 153	340 81.93 163 86.5 163 04 111 111 111 111 111 111 111 111	310 310

Figure C-149 SULFATE CONCENTRATIONS (mg/l) TASK 4, 3rd QUARTER ALLUVIAL AQUIFER SOURCE: ESE, 1987

										Z		2, 2, 0
	20		29			32			0.5			80
1228	• 61		30	284 <10	178	31		ະ 1648 ວັງສ	90		3120 1610	07
	24 288	1850	484 25 219 276 25 92.8	143	\$70 \$80 2210	36	1600	0201	149 01	146		. 12 64:1 162
1040	23 1790 \$31 1240 804	1110	26 234 397	376 308	274 665 408 1990 691	35 479	291	1960 280 284 1120				11.3.1
	58		275 192 27	• <10	57.8	34			03			
			12B - 12.13	28	55	33		, ,	40		57.4	60
												-

Figure C-150 SULFATE CONCENTRATIONS (mg/l) TASK 4, 3rd QUARTER DENVER AQUIFER SOURCE: ESE, 1987

Prepared for:
U.S. Army Program Manager's Office
For Rocky Mountain Arsenal
Aberdeen Proving Ground, Merylend

			— Z	0 1/4 1/2 1 Mi
20	29	32	05	08
9	30	4 38 31	240 ,77.5 06	
. 549 726 647 329 24 332	1350 2600 25 455	. 1970 . 3070 . 36 . 725 . 2270 . 175 . 802	01	138
750	578 520 949 330 8320 258 258 279 26 420 681	165 4360 1080 35 169		.11
22	466 300 415 7 688	69.5 34 162 49.5	54.3 90.2 136 114	
	28 50.9	120 148 239 147 171 171	345 77.736 155 345 150 83.8 167 04 114 149 149 189.9	349 09 337

Figure C-151 SULFATE CONCENTRATIONS (mg/l) TASK 4, 4th QUARTER ALLUVIAL AQUIFER SOURCE: ESE, 1987

U.S. Army Program Manager's Office For Rocky Mountain Arsenal Aberdeen Proving Ground, Maryland Prepared for:

				% % 0
20	29	32	05	08
1980 1980	30	.00	346 160 06	1280
	432 25 850 311 25 81.9	306 669 2460 8670 36 1260	1970 166 01 136	12 90.6 9.06
863 23 1840 862	988 26 237 717 339	385 550 553 328 328 179	2050 3120 283 283 491 002 267 410 669	11.6
22	27 27	51.7 34	18.1 38.9 03	
	28 2.7	58.1 148 3.3 58.4 24.1	20.7 14.7 04	.83.5 0.9

Figure C-152 SULFATE CONCENTRATIONS (mg/l) TASK 4, 4th QUARTER DENVER AQUIFER SOURCE: ESE, 1987

Prepared for:
U.S. Army Program Manager's Office
For Rocky Mountain Arsenal
Aberdeen Proving Ground, Maryland

			Z	0 1/4 1/2 1 Mil
. 50	29	32	90	•80
. 61	30	. 31	. 00	
24 112	390 25	. \$28 . 685 36 275 . 682 98.6 . 149	96.3 71.5 01 98.4	. 12
387 23 578 96.2 483 149 88 119	•	31.1 239 570 315 35 131		
85.3 85.3 22	69.5° 7 366	34 34 190 83.9	83.4 03 121 116	
	28 7.8.8	135 136 136 380 138 165	73.6 138 131 89.3 135 04 128 128 128 128 128	

Figure C-153 CALCIUM CONCENTRATIONS (mg/l) TASK 4, 3rd QUARTER ALLUVIAL AQUIFER SOURCE: ESE, 1987

U.S. Army Program Manager's Office For Rocky Mountain Arsenal Aberdeen Proving Ground, Maryland Prepared for:

			— Z	0 1/2 /2 1 Mi
20	29	32	05	80
61	. 30	31	90	. 20
24 125	33.2 25	56.5 528 36 77.5	\$16 \$66 01 \$47 \$39.3	. 12
75.9 2.3 73.4 121 208 56.5	145 26. 350	194 1010 437 893 263 263 79.9	388 2260 108 92.4 02.4 0.35 02.58	
22 22	15.2 27 4.44	.8.8 3.4	03	
	28	7.2.3 48.1 30.9 95.6	12.3 04	23.4

Figure C-154 CALCIUM CONCENTRATIONS (mg/l) TASK 4, 3rd QUARTER DENVER AQUIFER SOURCE: ESE, 1987

Prepared for:
U.S. Army Program Manager's Office
For Rocky Mountain Arsenal
Aberdeen Proving Ground, Merylend

				, , o
20	59	32	05	80
61	30	. 31	. 90	
136 157 130 24 103	263 449 25 103	. 503 • 532 36 229 266 81.6	01	. 12
582 480 23 790 111 465 148 682	257 . 215 103 . 284 41.1 26 . 456 124 . 213 553	114 519 263 35 78.9	118 100 02 125 123	
13.5	243 151 7 208	.83 34 140 70.2	65.6 109 03 147	
	127 28 74.8	119 209 142 154 155 168 195	216 83.8.3 159 106 145 004 114 129 168 168 168 104	60 761.

Figure C-155 CALCIUM CONCENTRATIONS (mg/l) TASK 4, 4th QUARTER ALLUVIAL AQUIFER SOURCE: ESE, 1987

Prepared for:
U.S. Army Program Manager's Office
For Rocky Mountain Arsenal
Aberdeen Proving Ground, Merylend

				2/ 2/ 0
20	29	32	05	80
19	300	31	90	• 20
169 24 122	340 34.3 25 31.1 39	. 328 328 36 . 64.1	237, 209 01 30.7 36.8	
328 . 66.1 23 . 359 .1030	78.7 118 26 174 290 332	126 668 31.6 31.6 230 35 53.8 71.9		
35.5	46.6	28.8 34	13 16.8 03	
	28 28	8.78 41.3 3.3 3.1.6 3.7.6	11.3 12.2 04	900 00

Figure C-156 CALCIUM CONCENTRATIONS (mg/l) TASK 4, 4th QUARTER DENVER AQUIFER SOURCE: ESE, 1987

Prepared for:
U.S. Army Program Manager's Office
For Rocky Mountain Arsenal
Aberdeen Proving Ground, Meryland

			-Z-	0 1/2 1 Mi
20	29	. 32	05	• 00
. 61	30	31	. 90	
35200 24 46400	111000 25	331000 253000 77500 • 317000 3600 117000	001	. 12
103000 103000 23 63900 63900 141800 35700 56300	34800 26.	19500 50500 33100b 77500 35 43400 53700		•
22 22 30100	22300 22300 91500	14300 34 28000 13700	12000 03 18300 18900	
	20,400	16500 10500 13500 1300 1300 33 19200	20200 18300 20100 20100 18300 11400 20100 0.11400 18300 11300 12300	09

Figure C-157 MAGNESIUM CONCENTRATIONS (ug/I) TASK 4, 3rd QUARTER ALLUVIAL AQUIFER SOURCE: ESE, 1987

Prepared for:
U.S. Army Program Manager's Office
For Rocky Mountain Arsenal
Aberdeen Proving Ground, Merylend

							0 1/4 1/2 1 Mile	Prepared for: U.S. Army Program Manager's Office
20		59		32	05		80	
. 61		. 30	•	31	90	•	07	
00621		3880 25	4000 2670 90500	160000 36 7260 64500	•-	1590	. 12	
66500	23300 2440 2840 6720 582	6100 	15600 92500 3490 \$8400 58500	35 1740 6730 26609	35700 449900 26300 3520 02 19500			
	22	5270	1480	45	03			
		28	. 546 5500 . 2520	33	*. 500 04		°500 009	

Figure C-158 MAGNESIUM CONCENTRATIONS (ug/I) TASK 4, 3rd QUARTER DENVER AQUIFER SOURCE: ESE, 1987

Prepared for:
U.S. Army Program Manager's Office
For Rocky Mountain Arsenal

				0 1/2 1 Mile
20	29	32	05	80
0,	30	. 31	90	. 07
	.43300 132000 25 35300	339000 2835000 \$0000 • 310000 37800 \$6700 37400 33000 • 40800	37400 01	. 12
120000 93000 23 86500 - 50800 229000 54300	173	33300 338000 35 25600 37400		
The same of the sa	14200 30300 27 72300 13800	. 15800 34 18700 13400	9710 16900 03 15800 17300	
	28 ,7720	15200 15600 17100 12700 12700 23400	16500 15300 16500 10300 15000 10300 15000 04 15000 17000 17000	. 09

Figure C-159 MAGNESIUM CONCENTRATIONS (ug/I) TASK 4, 4th QUARTER ALLUVIAL AQUIFER SOURCE: ESE, 1987

Prepared for: U.S. Army Program Manager's Office For Rocky Mountain Arsenal Aberdeen Proving Ground, Maryland

-

		·	Z	0 1/4 1/2 1 Mile
20	29	32	05	088
• 61	30	• 15	90	. 20
, 16500 24 16300	37100 2878 25 1100		\$410 \$4500 01 \$4500 01	. 12
72300 3400 23 24100 3170 3840 38290	6100 7330 26 58200 71600 24500061400	16800 81900 205000 6490 33500 355000 7620	\$33700 453000 25400 10500 2500 02 26800 \$500	-
22	4930 27 27 <500	34	\$500 \$500	
	28 500	\$500 \$2210 33 1530 \$500		005.

Figure C-160 MAGNESIUM CONCENTRATIONS (ug/I) TASK 4, 4th QUARTER DENVER AQUIFER SOURCE: ESE, 1987

			~~Z~	0 1/4 1/2 1 M
20	29	32	05	•80
6	30	31	. 06	
130 24 143	384 25	1330	372	. 12
390 409 970 23 744 395 664 462 470	304	176 177 1250 310 35 310 35 298	129 89.3 02 187	. 11
	80.1 492 712 27 697 87.4	70.5 · 34 34 65.5 78.8	95.3	
,	28 46.4	64.8 58.7 58.7 58.2 3.3 71.8	57.2.1 76.3 110 57.2.1 76.3 50.4 50.4 04 67.7 70.3 71.2 52.4	

Figure C-161 SODIUM CONCENTRATIONS (mg/l) TASK 4, 3rd QUARTER ALLUVIAL AQUIFER SOURCE: ESE, 1987

Prepared for:
U.S. Army Program Manager's Office
For Rocky Mountain Arsenal
Aberdeen Proving Ground, Merylend

			- -Z-	0 1/2 1 Mile
20	29	32	0.5	08
	. 30	• 31	90	
24 98.8		\$87 \$770 \$36 \$777	154 01 158 154 01 108	. 12
361 • 361 • 25 • 272 • 363 • 440 • 206	465 26 . 182	324 534 253 253 35 537 226	690 873 557 546 567 567 57.6 71.1	
112	5.8	51.4	03	
	71.6 60.2 28	81.3 91.5 33 73 110	• 92.2 04	80.3 0.9

Figure C-162 SODIUM CONCENTRATIONS (mg/l) TASK 4, 3rd QUARTER DENVER AQUIFER SOURCE: ESE, 1987

			- -Z	0 1/4 1/2 1 Mile
20	29	32	05	08
		31	90.	
193 131 171 131 24 157	365 520 25 92.4	•	307	. 12
0 8	574 . 631 463 . 5570 221 274 26 .280 116 473	243 1420 35 163 239	, 118 79.4 02 67.2	
	447 485 708 7 503	73 34 73.7 79.1	34.2 c0.763 56.5 56.8	
	28 36.9	46.2 53.3 55.4 66.7 50.6 68.5	94.6 45 53.4 55.8 40.8 57.8 04 57.7 04 57.7 04 57.7 56.6 55.5 63.8	. 09

Figure C-163 SODIUM CONCENTRATIONS (mg/l) TASK 4, 4th QUARTER ALLUVIAL AQUIFER SOURCE: ESE, 1987

			-Z-	0 % % 1 Mile
20	29	32	. 05	80
• 6	30	. 31	90	. 20
239 24 101	406 124 25 122 71.8	384 3240 36 36 394 621	\$51 \$4.6 \$7.7 01	. 12
387 2.3 \$\frac{5}{4}\frac{7}{4}\$	402 26 143 155 482 284	262 839 268 520 520 35 195	557 818 294 294 293 02 204 513 024 545.8	
22	131 27	.54.5 34	47.6 57.5 0.3	
	28 5.25. 28 5.55.2	65.4 65.4 79.3 33 56.9 89.6	,77.4 103 04	53.1

Figure C-164 SODIUM CONCENTRATIONS (mg/l) TASK 4, 4th QUARTER DENVER AQUIFER SOURCE: ESE, 1987

			—— Z	0 1/2 1/2 1 Mile
. 20	59	. 32	05	• 00
19	30	. 23	90	
4670 24 4380	27200 6110 25 2340	29100 • 16400 36 8380 • 4270 2840 • 2450	24200 4770 2680 01 5730 6370	. 12
7660 7700 23 9720 670 10700 7800 20100	8690 • 8360 17100 4540 123000 • 4300 2590 4380 6900	4340 4490 5450 4900 35 3950 19400		-
	3270 5790 2290 27 6020	4340 34 3870 3580	5200 03 3630	
·	4490	1320 2850 2850 2850 33 1720 3890	2860 4210 4340 5880 5880 3570 2740 4340 04 3380 2250	

Figure C-165 POTASSIUM CONCENTRATIONS (ug/I) TASK 4, 3rd QUARTER ALLUVIAL AQUIFER SOURCE: ESE, 1987

			~~~~ <u>~</u> ;	0 1/2 1/2 1 Mile
20	29	32	05	80
. 19	30	31	90	. 20
24 3230	4130 3520 3080 25 3890 1940	\$460 \$460 \$80 36 36 \$350	\$4770 \$370 01 \$320	. 12
\$100 23 \$\$38 \$580 \$420	2740 3400 26 3730 4380 7390 3400	2810 6780 1500 8140 2520 4130 1650 5410	\$920 \$890 \$926 \$926 02 \$750 \$150	-
22 22	200 1260	3960 34	03	
	28	,1260 ,1260 ,1260 33	*1260 04	6820

Figure C-166 POTASSIUM CONCENTRATIONS (ug/I) TASK 4, 3rd QUARTER DENVER AQUIFER SOURCE: ESE, 1987

			<del>-</del> Z-	0 1/2 1/2 1 Miles
20	29	32	05	08
6	30	31	90	
3100 2960 24 3970	4720 4490 25	. 5680 . 23600 . 15700 . 36 . 7830 . 2600 . 2410 . 2410	01	. 12
4420 6960 23 10300 10300 6890 44500 6250 17700	7490 7360 4780 9 2730 2780 26	\$690 6660 4360 35 4630	3430 2710 02 3030 3350 2330	. 11
	3280 4920 6240 1660 27 4140 2610	2560 34 4300 2940	2780 3730 03 4540 4960	
	3170	3840 3840 3580 3580 3580 3580 3580 3580	3130 4710 4790 3130 4500 5170 3510 04 3590 2590 3260 3340	. 09

Figure C-167 POTASSIUM CONCENTRATIONS (ug/I) TASK 4, 4th QUARTER ALLUVIAL AQUIFER SOURCE: ESE, 1987

Prepared for:
U.S. Army Program Manager's Office
For Rocky Mountain Arsenal
Aberdeen Proving Ground, Merylend

			—-Z-	0 1/4 1/2 1 Mile
20	29	32	05	80
. 61	30	31	90	. 20
3020 3020 24 2400	6890 2910 1260 25 2340 2160	3520 5680 5680 3.6 3.160	3540 41260 3810 01 1570 1280	. 12
3430° 3970 23 \$\frac{2}{4310}\$, 4090	1660 2280 26 2050 4470 6850 2970	2390 5640 6140 1960 3550 1570 4050	\$070 16600 \$2880 \$1890 \$1260 3160 \$1260	
22 22	3500 3500 27 	2610 34	*1260 <1260 03	
,	1520 1520 28	\$\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	*1260 *1260 04	1560

Figure C-168 POTASSIUM CONCENTRATIONS (ug/I) TASK 4, 4th QUARTER DENVER AQUIFER SOURCE: ESE, 1987

				0 1/4 1/2 1 Mile
20	29		05	• 80
6	30	31	90	
	\$5.20 <\$.20 <\$.20 <\$.20 <\$.20	. \$5.20 . \$5.20 . \$5.20 . \$5.20 . \$5.20 . \$5.20	<5.20 <5.20 01 <5.20 <5.20 <5.20 <5.20 <5.20 <5.20 <5.20 <5.20	. 12
\$5.20 \$5.20 \$5.20 \$5.20 \$5.20 \$5.20 \$5.20 \$5.20	20 20	.5.20 .5.20 .5.20 .5.20 .5.20 .5.20		
	\$5.20 \$5.20 \$5.20 \$5.20 \$5.20 \$5.20	.45.20 34 .5.20 .45.20	<5.20 03 .5.20 .5.20	
	.5.20 28 .5.20	\$5.20 \$5.20 \$5.20 \$5.20 \$5.20 \$5.20	,5.20	

Figure C-169 CADMIUM CONCENTRATIONS (ug/I) TASK 4, 3rd QUARTER ALLUVIAL AQUIFER SOURCE: ESE, 1987

			Z	0 1/4 1/2 1 Mile
20	29	32	05	08
• • 61	30	31	90	. 20
24 *5.20	\$5.20 \$5.20 25 \$5.20 \$5.20	\$5.20 <5.20 \$5.20 36 \$5.20 \$5.20	\$5.20 \$5.20 01 \$5.20 \$5.20	. 12
\$.20 23	.5.20 26 .5.20 .5.20 .5.20	\$5.20 \$5.20 \$5.20 \$5.20 \$5.20 \$5.20	\$5.20 \$5.20 \$5.20 \$5.20 \$5.20 \$5.20	
22 22	ć5.20 ć5.20	.<5.20 34	03	
,	28.28	\$5.20 \$5.20 \$3.3	*5.20 04	•5.20 09

Figure C-170 CADMIUM CONCENTRATIONS (ug/I) TASK 4, 3rd QUARTER DENVER AQUIFER SOURCE: ESE, 1987

			~ Z	0 1/4 1/2 1 Mile
. 50	29	32	05	. 80
	30	31	90.	. 07
, (5.20 , 5.20 , 5.20 , 24 , 6.20	\$5.20 \$5.20 \$5.20 \$5.20	\$\frac{5.20}{5.20}\$ \$\frac{5.20}{5.20}\$ \$\frac{5.20}{5.20}\$ \$\frac{5.20}{5.20}\$ \$\frac{5.20}{5.20}\$	<5.20 <5.20 01 <5.20 ·<5.20	. 12
<5.20 <5.20 23 <5.20 <5.20 <5.20 <5.20 <5.20 <5.20 <5.20	\$5.20 • \$5.20 • \$5.20 • \$5.20 • \$5.20 \$26	\$5.20 \$5.20 \$5.20 \$5.20		Ξ.
	\$5.20 \$5.20 \$5.20 \$5.20 \$5.20	.5.20 34 .5.20 .5.20	.5.20 .5.20 0.3 .5.20 .5.20 .5.20	
	45.20	\$5.20 \$5.20 \$5.20 \$5.20 \$5.20 \$5.20 \$5.20	\$5.20 \$5.20 \$5.20 \$5.20 \$5.20 \$5.20 \$5.20 \$5.20 \$5.20 \$5.20 \$5.20 \$5.20 \$5.20 \$5.20 \$5.20 \$5.20 \$5.20 \$5.20	

Prepared for:
U.S. Army Program Manager's Office
For Rocky Mountain Arsenal
Aberdeen Proving Ground, Merylend

Figure C-171 CADMIUM CONCENTRATIONS (ug/I) TASK 4, 4th QUARTER ALLUVIAL AQUIFER SOURCE: ESE, 1987

			Z	0 1/2 1/2 1 Mile
20	29	32	05	08
. 19	30	31	•	. 20
\$5.20 \$5.20 24 \$5.20	\$5.20 \$5.20 25 \$5.20 \$5.20	\$5.20 <5.20 \$5.20 \$5.20 \$5.20 \$5.20	\$.20 \$.20 \$.20 01	. 12
.5.20 23 .5.20 .5.20 .5.20 .5.20	\$5.20 \$5.20 \$6.20 \$5.20 \$5.20 \$5.20	\$5.20 \$5.20 \$5.20 \$5.20 \$5.20 \$5.20 \$5.20	\$5.20 \$5.20 \$5.20 \$5.20 \$5.20 \$5.20	. 11
22	65.20 22.20 26.20	.<5.20 34	\$5.20 \$5.20	
•	28.20	\$5.20 \$5.20 \$5.20 \$5.20	. 5.20 . 5.20 04	5.20 09

Figure C-172 CADMIUM CONCENTRATIONS (ug/I) TASK 4, 4th QUARTER DENVER AQUIFER SOURCE: ESE, 1987

			——————————————————————————————————————	0 1/4 1/2 1 Mile
20	59	. 32	05	• 00
. 6	30	. 31	90	
.6.00 24 .6.00	*6.00 25 *6.00	<6.00 <6.00 36 <6.00 <6.00 <6.00 <6.00	<6.00 <6.00 011 <6.00 <6.00 ·6.45	. 12
\$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00	<pre>&lt;6.00 • &lt;6.00 </pre> <pre>&lt;6.00 • &lt;6.00 </pre> <pre>&lt;6.00 </pre> <pre>&lt;6.00 </pre> <pre>&lt;6.00 </pre> <pre>&lt;6.00 </pre> <pre>&lt;6.00 </pre> <pre>&lt;6.00 </pre>	*6.00 *6.00 *6.00 35 *6.00 *6.00 *6.00	.6.00 02 .6.00	
	\$6.00 \$6.00 \$6.00 \$6.00 \$6.00	.6.00 .6.00	6.00 6.00 6.00	
	, «é.00 , «6.00	\$6.00 \$5.53 \$6.00 \$6.00 \$6.00	6.00 6.00 6.00 6.00 6.00 6.00 6.00 6.00 6.00 6.00 6.00 6.00 6.00 6.00 6.00 6.00 6.00	. 09

Figure C-173 CHROMIUM CONCENTRATIONS (ug/I) TASK 4, 3rd QUARTER ALLUVIAL AQUIFER SOURCE: ESE, 1987

			——Z—	0 7/2 1 Mile
20	29	32	05	80
• 61	. 30	. 31	90	. 20
24 6.00	*6.00 \$6.00 25 <6.00 *6.00	\$6.00 \$6.00 \$6.00 36 \$6.00 \$6.00 \$6.00	*6.00 01 *6.00 *6.00	. 12
*6.00 23 *6.00 *6.00 *6.00	*6.00 26 *6.00 6.00 *6.00	\$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00		-
10.2	27 27	.6.00 34	03	
,	28	\$6.00 \$6.00 \$33 \$6.00	, 45.00 04	600 03

Figure C-174 CHROMIUM CONCENTRATIONS (ug/I) TASK 4, 3rd QUARTER DENVER AQUIFER SOURCE: ESE, 1987

			<del>-</del> Z-	0 1/4 1/2 1 Mile
20	29	32	05	80
6-	30	31	.00	
	*6.00 25 *6.00 *6.00		6.00	. 12
<6.00 <6.00 23 <6.00 <6.00 <6.00 <6.00 <6.00 <6.00 <6.00 <6.00 <6.00 <6.00	46.00 46.00 46.00	.6.00 .6.00 .6.00		
	\$6.00 \$6.00 \$6.00 \$6.00 \$6.00	*6.00 *6.00	\$6.00 \$6.00 03 \$6.00 \$6.00	
,	, é.00 , é.00	\$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00	6.00 (6.00 (6.00 (6.00 (6.00 (6.00 (6.00 (6.00 (6.00 (6.00 (6.00 (6.00 (6.00 (6.00 (6.00 (6.00 (6.00 (6.00 (6.00 (6.00 (6.00 (6.00 (6.00 (6.00 (6.00 (6.00 (6.00 (6.00 (6.00 (6.00 (6.00 (6.00 (6.00 (6.00 (6.00 (6.00 (6.00 (6.00 (6.00 (6.00 (6.00 (6.00 (6.00 (6.00 (6.00 (6.00 (6.00 (6.00 (6.00 (6.00 (6.00 (6.00 (6.00 (6.00 (6.00 (6.00 (6.00 (6.00 (6.00 (6.00 (6.00 (6.00 (6.00 (6.00 (6.00 (6.00 (6.00 (6.00 (6.00 (6.00 (6.00 (6.00 (6.00 (6.00 (6.00 (6.00 (6.00 (6.00 (6.00 (6.00 (6.00 (6.00 (6.00 (6.00 (6.00 (6.00 (6.00 (6.00 (6.00 (6.00 (6.00 (6.00 (6.00 (6.00 (6.00 (6.00 (6.00 (6.00 (6.00 (6.00 (6.00 (6.00 (6.00 (6.00 (6.00 (6.00 (6.00 (6.00 (6.00 (6.00 (6.00 (6.00 (6.00 (6.00 (6.00 (6.00 (6.00 (6.00 (6.00 (6.00 (6.00 (6.00 (6.00 (6.00 (6.00 (6.00 (6.00 (6.00 (6.00 (6.00 (6.00 (6.00 (6.00 (6.00 (6.00 (6.00 (6.00 (6.00 (6.00 (6.00 (6.00 (6.00 (6.00 (6.00 (6.00 (6.00 (6.00 (6.00 (6.00 (6.00 (6.00 (6.00 (6.00 (6.00 (6.00 (6.00 (6.00 (6.00 (6.00 (6.00 (6.00 (6.00 (6.00 (6.00 (6.00 (6.00 (6.00 (6.00 (6.00 (6.00 (6.00 (6.00 (6.00 (6.00 (6.00 (6.00 (6.00 (6.00 (6.00 (6.00 (6.00 (6.00 (6.00 (6.00 (6.00 (6.00 (6.00 (6.00 (6.00 (6.00 (6.00 (6.00 (6.00 (6.00 (6.00 (6.00 (6.00 (6.00 (6.00 (6.00 (6.00 (6.00 (6.00 (6.00 (6.00 (6.00 (6.00 (6.00 (6.00 (6.00 (6.00 (6.00 (6.00 (6.00 (6.00 (6.00 (6.00 (6.00 (6.00 (6.00 (6.00 (6.00 (6.00 (6.00 (6.00 (6.00 (6.00 (6.00 (6.00 (6.00 (6.00 (6.00 (6.00 (6.00 (6.00 (6.00 (6.00 (6.00 (6.00 (6.00 (6.00 (6.00 (6.00 (6.00 (6.00 (6.00 (6.00 (6.00 (6.00 (6.00 (6.00 (6.00 (6.00 (6.00 (6.00 (6.00 (6.00 (6.00 (6.00 (6.00 (6.00 (6.00 (6.00 (6.00 (6.00 (6.00 (6.00 (6.00 (6.00 (6.00 (6.00 (6.00 (6.00 (6.00 (6.00 (6.00 (6.00 (6.00 (6.00 (6.00 (6.00 (6.00 (6.00 (6.00 (6.00 (6.00 (6.00 (6.00 (6.00 (6.00 (6.00 (6.00 (6.00 (6.00 (6.00 (6.00 (6.00 (6.00 (6.00 (6.00 (6.00 (6.00 (6.00 (6.00 (6.00 (6.00 (6.00 (6.00 (6.00 (6.00 (6.00 (6.00 (6.00 (6.00 (6.00 (6.00 (6.00 (6.00 (6.00 (6.00 (6.00 (6.00 (6.00 (6.00 (6.00 (6.00 (6.00 (6.00 (6.00 (6.00 (6.00 (6.00 (6.00 (6.00 (6.00 (6.00 (6.00 (6.00 (6.00 (6.00 (6.00 (	. 60.00

Prepared for:
U.S. Army Program Manager's Office
For Rocky Mountain Arsenal
Aberdeen Proving Ground, Meryland

Figure C-175 CHROMIUM CONCENTRATIONS (ug/I) TASK 4, 4th QUARTER ALLUVIAL AQUIFER SOURCE: ESE, 1987

			~ Z	0 1/2 1/2 1 Mile
20	29	32	05	80
. 61	30	31	90 .	. 07
*6.00 *6.00 24 *6.00	*6.00 *6.00 25 <6.00 *6.00	\$6.00 \$6.00 \$6.00 36 \$6.00 \$6.00 \$6.00	*6.00 01 *6.00 *6.00 *6.00	. 12
<pre></pre>	*6.00 26 *6.00 6.00 *6.00	, 6.00 , 6.00 , 6.00 , 6.00 , 6.00 , 6.00 , 6.00	*6.00 *6.00 *6.00 *6.00 *6.00 02 6.93 *6.00 *6.00	=
22	\$6.00 \$6.00 \$6.00	.*6.00 34	*6.00 *6.00 0.3	
	28	\$6.00 \$6.00 33 \$6.00 \$6.00	.6.00 .6.00 04	51.1

Figure C-176 CHROMIUM CONCENTRATIONS (ug/l) TASK 4, 4th QUARTER DENVER AQUIFER SOURCE: ESE, 1987

0 1/2 1 Mile	• 00		. 12	• 11		09
-Z-	05	90	33.1 <7.90 <7.90 01 14.8 <7.90	°<7.90 02 °<7.90 °<7.90 °<7.90	, 03 , 30 , 30 , 30	77.90 6.72 •7.90 8.02 •7.90 8.02 •7.90 6.73 •7.90 •7.90 •7.90 •7.90 •7.90 •7.90 •7.90 •7.90 •7.90 •7.90 •7.90 •7.90 •7.90 •7.90 •7.90 •7.90 •7.90 •7.90 •7.90 •7.90
	32	• 31	27.3.90 <7.90 \$7.90	\$7.90 \$7.90 \$7.90 \$7.90 \$7.90 \$35 \$7.90 \$7.90	*7.30 34 *7.30 *7.90	\$7.90 \$7.90 \$1.02 \$7.90 \$7.90 \$7.90 \$7.90
	29	30	\$7.90 \$7.90 25 \$7.90	77.90 • 67.9	\$7.90 \$7.90 \$7.90 \$7.90	28 \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$
	20	. 61	° ° ° ° ° ° ° ° ° ° ° ° ° ° ° ° ° ° °	<pre>&lt;7.90 &lt;7.90 &lt;7.90 &lt;7.90 &lt;7.90 &lt;7.90 &lt;7.90 &lt;7.90 &lt;7.90 &lt;7.90 </pre>		,

Figure C-177 COPPER CONCENTRATIONS (ug/l) TASK 4, 3rd QUARTER ALLUVIAL AQUIFER SOURCE: ESE, 1987

0 1/4 1/2 1 Mile	80	20	. 12	=		60
		•				7.92
<b>Z</b>			06,7>• 08,7>•			
	05	90	\$2,90 •7.90 01	\$7.90 \$7.90 \$7.90 \$7.90 \$7.90 \$7.90 \$7.90	03	•7.90 04
			¢7.90 ¢7.90	¢7.90 <7.90		, 47.90 ° (47.90
	32	31	,*7.90 36	35 47.90	34	. 33
		•	\$7.90 7.92 <7.90	7.90 7.90 7.90 7.90	•<7.90	27.90 .7.90
		•	• 47.90	°47.90 °47.90	<7.90	28
	29	30	\$7.90 25 <7.90 \$7.90 25	26	. 2	0.5.75
		•	·<7.90	<7.90 <7.90	• 77.90	
				,7.90 ,7.90 ,7.90 ,7.90 ,7.90	22	
	20	• 6	24 .7.90	.<7.90 23		
				<7.90 <b>°</b>		•

Figure C-178 COPPER CONCENTRATIONS (ug/I) TASK 4, 3rd QUARTER DENVER AQUIFER SOURCE: ESE, 1987

			Z-	7/2 1 Mile
				, y, 0
50	29	32	05	80
	92	٤.	90	
<.7.90	\$7.90 \$7.90 25 \$7.90	. 27.30 . 27.30 . 27.30 . 27.30 . 27.30 . 36 . 36 . 36 . 36 . 36 . 36 . 36 . 36 . 36	54.7 <7.90 01 57.90 •8.32	. 12
<ol> <li></li> <li><td>&lt;7.90 • &lt;7.90 • &lt;7.90 • &lt;7.90 • &lt;7.90 • &lt;7.90 • &lt;7.90 • &lt;7.90</td><td>, 7.90 , 7.90 , 7.90 , 7.90</td><td></td><td></td></li></ol>	<7.90 • <7.90 • <7.90 • <7.90 • <7.90 • <7.90 • <7.90 • <7.90	, 7.90 , 7.90 , 7.90 , 7.90		
22 22	.90 7.90 7.90 7.90	°<7.90 34 °<7.90 °<7.90	\$7.90 \$7.90 \$7.90 \$7.90	
	28 28 57.90	\$7.90 \$7.90 \$7.90 \$7.90 \$7.90 \$7.90	04.7.90 (7.90 (7.90 (7.90 (7.90 (7.90 (7.90 (7.90 (7.90 (7.90 (7.90 (7.90 (7.90 (7.90 (7.90 (7.90 (7.90 (7.90 (7.90 (7.90 (7.90 (7.90 (7.90 (7.90 (7.90 (7.90 (7.90 (7.90 (7.90 (7.90 (7.90 (7.90 (7.90 (7.90 (7.90 (7.90 (7.90 (7.90 (7.90 (7.90 (7.90 (7.90 (7.90 (7.90 (7.90 (7.90 (7.90 (7.90 (7.90 (7.90 (7.90 (7.90 (7.90 (7.90 (7.90 (7.90 (7.90 (7.90 (7.90 (7.90 (7.90 (7.90 (7.90 (7.90 (7.90 (7.90 (7.90 (7.90 (7.90 (7.90 (7.90 (7.90 (7.90 (7.90 (7.90 (7.90 (7.90 (7.90 (7.90 (7.90 (7.90 (7.90 (7.90 (7.90 (7.90 (7.90 (7.90 (7.90 (7.90 (7.90 (7.90 (7.90 (7.90 (7.90 (7.90 (7.90 (7.90 (7.90 (7.90 (7.90 (7.90 (7.90 (7.90 (7.90 (7.90 (7.90 (7.90 (7.90 (7.90 (7.90 (7.90 (7.90 (7.90 (7.90 (7.90 (7.90 (7.90 (7.90 (7.90 (7.90 (7.90 (7.90 (7.90 (7.90 (7.90 (7.90 (7.90 (7.90 (7.90 (7.90 (7.90 (7.90 (7.90 (7.90 (7.90 (7.90 (7.90 (7.90 (7.90 (7.90 (7.90 (7.90 (7.90 (7.90 (7.90 (7.90 (7.90 (7.90 (7.90 (7.90 (7.90 (7.90 (7.90 (7.90 (7.90 (7.90 (7.90 (7.90 (7.90 (7.90 (7.90 (7.90 (7.90 (7.90 (7.90 (7.90 (7.90 (7.90 (7.90 (7.90 (7.90 (7.90 (7.90 (7.90 (7.90 (7.90 (7.90 (7.90 (7.90 (7.90 (7.90 (7.90 (7.90 (7.90 (7.90 (7.90 (7.90 (7.90 (7.90 (7.90 (7.90 (7.90 (7.90 (7.90 (7.90 (7.90 (7.90 (7.90 (7.90 (7.90 (7.90 (7.90 (7.90 (7.90 (7.90 (7.90 (7.90 (7.90 (7.90 (7.90 (7.90 (7.90 (7.90 (7.90 (7.90 (7.90 (7.90 (7.90 (7.90 (7.90 (7.90 (7.90 (7.90 (7.90 (7.90 (7.90 (7.90 (7.90 (7.90 (7.90 (7.90 (7.90 (7.90 (7.90 (7.90 (7.90 (7.90 (7.90 (7.90 (7.90 (7.90 (7.90 (7.90 (7.90 (7.90 (7.90 (7.90 (7.90 (7.90 (7.90 (7.90 (7.90 (7.90 (7.90 (7.90 (7.90 (7.90 (7.90 (7.90 (7.90 (7.90 (7.90 (7.90 (7.90 (7.90 (7.90 (7.90 (7.90 (7.90 (7.90 (7.90 (7.90 (7.90 (7.90 (7.90 (7.90 (7.90 (7.90 (7.90 (7.90 (7.90 (7.90 (7.90 (7.90 (7.90 (7.90 (7.90 (7.90 (7.90 (7.90 (7.90 (7.90 (7.90 (7.90 (7.90 (7.90 (7.90 (7.90 (7.90 (7.90 (7.90 (7.90 (7.90 (7.90 (7.90 (7.90 (7.90 (7.90 (7.90 (7.90 (7.90 (7.90 (7.90 (7.90 (7.90 (7.90 (7.90 (7.90 (7.90 (7.90 (7.90 (7.90 (7.90 (7.90 (7.90 (7.90 (7.90 (7.90 (7.90 (7.90 (7.90 (7.90 (7.90 (7.90 (7.90 (7.90 (7.90 (7.90 (7.90 (7.90 (7.9	600

Figure C-179 COPPER CONCENTRATIONS (ug/l) TASK 4, 4th QUARTER ALLUVIAL AQUIFER SOURCE: ESE, 1987

			-Z-	0 ½ ½ 1 Mile
20	59	32	05	08
• 6-	30	31	90	. 20
24 °7.90 24 °7.90	7.30 7.30 7.30 7.30 7.30 7.30	.7.90 36 .7.90	\$7.90 \$7.90 \$7.90 \$7.90 \$7.90 \$7.90	. 12
\$.72 23 \$\frac{7}{5}\frac{90}{5}\frac{7}{5}\frac{90}{5}\frac{7}{5}\frac{6}{5}\frac{7}{5}\frac{6}{5}\frac{7}{5}\frac{6}{5}\frac{7}{5}\frac{6}{5}\frac{7}{5}\frac{6}{5}\frac{6}{5}\frac{7}{5}\frac{6}{5}\frac{6}{5}\frac{7}{5}\frac{6}{5}\frac{6}{5}\frac{6}{5}\frac{6}{5}\frac{6}{5}\frac{6}{5}\frac{6}{5}\frac{6}{5}\frac{6}{5}\frac{6}{5}\frac{6}{5}\frac{6}{5}\frac{6}{5}\frac{6}{5}\frac{6}{5}\frac{6}{5}\frac{6}{5}\frac{6}{5}\frac{6}{5}\frac{6}{5}\frac{6}{5}\frac{6}{5}\frac{6}{5}\frac{6}{5}\frac{6}{5}\frac{6}{5}\frac{6}{5}\frac{6}{5}\frac{6}{5}\frac{6}{5}\frac{6}{5}\frac{6}{5}\frac{6}{5}\frac{6}{5}\frac{6}{5}\frac{6}{5}\frac{6}{5}\frac{6}{5}\frac{6}{5}\frac{6}{5}\frac{6}{5}\frac{6}{5}\frac{6}{5}\frac{6}{5}\frac{6}{5}\frac{6}{5}\frac{6}{5}\frac{6}{5}\frac{6}{5}\frac{6}{5}\frac{6}{5}\frac{6}{5}\frac{6}{5}\frac{6}{5}\frac{6}{5}\frac{6}{5}\frac{6}{5}\frac{6}{5}\frac{6}{5}\frac{6}{5}\frac{6}{5}\frac{6}{5}\frac{6}{5}\frac{6}{5}\frac{6}{5}\frac{6}{5}\frac{6}{5}\frac{6}{5}\frac{6}{5}\frac{6}{5}\frac{6}{5}\frac{6}{5}\frac{6}{5}\frac{6}{5}\frac{6}{5}\frac{6}{5}\frac{6}{5}\frac{6}{5}\frac{6}{5}\frac{6}{5}\frac{6}{5}\frac{6}{5}\frac{6}{5}\frac{6}{5}\frac{6}{5}\frac{6}{5}\frac{6}{5}\frac{6}{5}\frac{6}{5}\frac{6}{5}\frac{6}{5}\frac{6}{5}\frac{6}{5}\frac{6}{5}\frac{6}{5}\frac{6}{5}\frac{6}{5}\frac{6}{5}\frac{6}{5}\frac{6}{5}\frac{6}{5}\frac{6}{5}\frac{6}{5}\frac{6}{5}\frac{6}{5}\frac{6}{5}\frac{6}{5}\frac{6}{5}\frac{6}{5}\frac{6}{5}\frac{6}{5}\frac{6}{5}\frac{6}{5}\frac{6}{5}\frac{6}{5}\frac{6}{5}\frac{6}{5}\frac{6}{5}\frac{6}{5}\frac{6}{5}\frac{6}{5}\frac{6}{5}\frac{6}{5}\frac{6}{5}\frac{6}{5}\frac{6}{5}\frac{6}{5}\frac{6}{5}\frac{6}{5}\frac{6}{5}\frac{6}{5}\frac{6}{5}\frac{6}{5}\frac{6}{5}\frac{6}{5}\frac{6}{5}\frac{6}{5}\frac{6}{5}\frac{6}{5}\frac{6}{5}\frac{6}{5}\frac{6}{5}\frac{6}{5}\frac{6}{5}\frac{6}{5}\frac{6}{5}\frac{6}{5}\frac{6}{5}\frac{6}{5}\frac{6}{5}\frac{6}{5}\frac{6}{5}\frac{6}{5}\frac{6}{5}\frac{6}{5}\frac{6}{5}\frac{6}{5}\frac{6}{5}\frac{6}{5}\frac{6}{5}\frac{6}{5}\frac{6}{5}\frac{6}{5}\frac{6}{5}\frac{6}{5}\frac{6}{5}	26 27.90 27.90 27.90 27.90 11.4 27.90 7.90	35 (7.30 (7.30 (7.30 (7.30		=
22 22	27 \$20 \$7.90 \$7.90 \$7.90 \$7.90	34	•7.90 •7.90 •7.90	
	28 28	47.30 47.30 22.2	8.27 0.4	22.4 09

Figure C-180 COPPER CONCENTRATIONS (ug/l) TASK 4, 4th QUARTER DENVER AQUIFER SOURCE: ESE, 1987

			~~Z~~	0 1/4 1/2 1 Mile
20	29	32	05	• 80
6	30	31	90.	
. <18.5 24 <18.5	<ul><li>18.5</li><li>18.5</li><li>18.5</li><li>18.5</li></ul>	18.5 18.5 • <18.5 36 (18.5 • <18.5 • <18.5	01	. 12
<18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5	26.5	\$\frac{18.5}{18.5}\$\$\frac{18.5}{18.5}\$\$\frac{18.5}{18.5}\$\$\frac{18.5}{18.5}\$\$\frac{18.5}{18.5}\$\$\frac{18.5}{18.5}\$\$\frac{18.5}{18.5}\$\$\frac{18.5}{18.5}\$\$\frac{18.5}{18.5}\$\$\frac{18.5}{18.5}\$\$\frac{18.5}{18.5}\$\$\frac{18.5}{18.5}\$\$\frac{18.5}{18.5}\$\$\frac{18.5}{18.5}\$\$\frac{18.5}{18.5}\$\$\frac{18.5}{18.5}\$\$\frac{18.5}{18.5}\$\$\frac{18.5}{18.5}\$\$\frac{18.5}{18.5}\$\$\frac{18.5}{18.5}\$\$\frac{18.5}{18.5}\$\$\frac{18.5}{18.5}\$\$\frac{18.5}{18.5}\$\$\frac{18.5}{18.5}\$\$\frac{18.5}{18.5}\$\$\frac{18.5}{18.5}\$\$\frac{18.5}{18.5}\$\$\frac{18.5}{18.5}\$\$\frac{18.5}{18.5}\$\$\frac{18.5}{18.5}\$\$\frac{18.5}{18.5}\$\$\frac{18.5}{18.5}\$\$\frac{18.5}{18.5}\$\$\frac{18.5}{18.5}\$\$\frac{18.5}{18.5}\$\$\frac{18.5}{18.5}\$\$\frac{18.5}{18.5}\$\$\frac{18.5}{18.5}\$\$\frac{18.5}{18.5}\$\$\frac{18.5}{18.5}\$\$\frac{18.5}{18.5}\$\$\frac{18.5}{18.5}\$\$\frac{18.5}{18.5}\$\$\frac{18.5}{18.5}\$\$\frac{18.5}{18.5}\$\$\frac{18.5}{18.5}\$\$\frac{18.5}{18.5}\$\$\frac{18.5}{18.5}\$\$\frac{18.5}{18.5}\$\$\frac{18.5}{18.5}\$\$\frac{18.5}{18.5}\$\$\frac{18.5}{18.5}\$\$\frac{18.5}{18.5}\$\$\frac{18.5}{18.5}\$\$\frac{18.5}{18.5}\$\$\frac{18.5}{18.5}\$\$\frac{18.5}{18.5}\$\$\frac{18.5}{18.5}\$\$\frac{18.5}{18.5}\$\$\frac{18.5}{18.5}\$\$\frac{18.5}{18.5}\$\$\frac{18.5}{18.5}\$\$\frac{18.5}{18.5}\$\$\frac{18.5}{18.5}\$\$\frac{18.5}{18.5}\$\$\frac{18.5}{18.5}\$\$\frac{18.5}{18.5}\$\$\frac{18.5}{18.5}\$\$\frac{18.5}{18.5}\$\$\frac{18.5}{18.5}\$\$\frac{18.5}{18.5}\$\$\frac{18.5}{18.5}\$\$\frac{18.5}{18.5}\$\$\frac{18.5}{18.5}\$\$\frac{18.5}{18.5}\$\$\frac{18.5}{18.5}\$\$\frac{18.5}{18.5}\$\$\frac{18.5}{18.5}\$\$\frac{18.5}{18.5}\$\$\frac{18.5}{18.5}\$\$\frac{18.5}{18.5}\$\$\frac{18.5}{18.5}\$\$\frac{18.5}{18.5}\$\$\frac{18.5}{18.5}\$\$\frac{18.5}{18.5}\$\$\frac{18.5}{18.5}\$\$\frac{18.5}{18.5}\$\$\frac{18.5}{18.5}\$\$\frac{18.5}{18.5}\$\$\frac{18.5}{18.5}\$\$\frac{18.5}{18.5}\$\$\frac{18.5}{18.5}\$\$\frac{18.5}{18.5}\$\$\frac{18.5}{18.5}\$\$\frac{18.5}{18.5}\$\$\frac{18.5}{18.5}\$\$\frac{18.5}{18.5}\$\$\frac{18.5}{18.5}\$\$\frac{18.5}{18.5}\$\$\frac{18.5}{18.5}\$\$\frac{18.5}{18.5}\$\$\frac{18.5}{18.5}\$\$\frac{18.5}{18.5}\$\$\frac{18.5}{18.5}\$\$\frac{18.5}{18.5}\$\$\frac{18.5}{18.5}\$\$\frac{18.5}{18.5}\$\$\frac{18.5}{		-
	<ul><li>418.5</li><li>18.5</li></ul>	*18.5 34 *18.5 *18.5	<18.5 03 <18.5 18.5 18.5	
	18.5 18.5 18.5	(18.5 (18.5 (22.6 (22.1 (18.5 (18.5 (18.5	(18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5	. 09

Figure C-181 LEAD CONCENTRATIONS (ug/I) TASK 4, 3rd QUARTER ALLUVIAL AQUIFER SOURCE: ESE, 1987

			<del>-</del> Z-	0 1/2 1 Mile
20	29	32	05	80
• 6	. 30	31	90	. 00
24 •18.5	(18.5 (18.5) 25 (18.5)	\$\\ \frac{18.5}{18.5} \\ \$\( 18.5 \) \$\( 18.5 \) \$\( 18.5 \) \$\( 18.5 \) \$\( 18.5 \) \$\( 18.5 \) \$\( 18.5 \)	18.5 01 (18.5 or 18.5	. 12
<ul> <li>&lt;18.5</li> <li>&lt;18.5</li> <li>&lt;18.5</li> <li>&lt;18.5</li> <li>&lt;18.5</li> <li>&lt;18.5</li> </ul>	20.5 18.5 26 {8.5 18.5 18.5	(18.5 (18.5 (18.5 (18.5 (18.5 3.5 (18.5 (18.5 (18.5	18.5 18.5 18.5 18.5 18.5 18.5 18.5 18.5	=
22	27 418.5 27 418.5		0.3	
	28 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0	, 18.5 , 18.5 , 18.5 , 18.5	* <18.5 04	*18.5 09

Figure C-182 LEAD CONCENTRATIONS (ug/I) TASK 4, 3rd QUARTER DENVER AQUIFER SOURCE: ESE, 1987

Prepared for: U.S. Army Program Manager's Office For Rocky Mountain Arsenal

			<b>—</b> Z—	0 1/4 1/2 1 Mile
. 50	29	32	05	80
. 6	30	31	90 .	
. 18.5	(18.5 25 18.5 18.5 case)	* 18.5 * 18.5 * 18.5 * 18.5 * 18.5 * 18.5 * 18.5 * 18.5 * 18.5	<18.5 18.5 01 \$18.5 •<18.5	
<18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5	(18.5 . 418. (18.5 . 418.5 . 418.5 . 418.5 . 26	\$18.5 \$18.5 \$18.5 \$27.3		-
	24.7 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5 <18.5	, 18.5 34 , 18.5 , 18.5	37.9 <18.5 O3 <18.5 <18.5 <18.5 <18.5	
	28 (18.5	(18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5	(18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5	• 09 •18.5

Figure C-183 LEAD CONCENTRATIONS (ug/l) TASK 4, 4th QUARTER ALLUVIAL AQUIFER SOURCE: ESE, 1987

			-Z	0 1/4 1/2 1 Mile
20	29	32	05	80
• . 6	30	31	90	. 20
618.5 (18.5 24 . (18.5	(18.5 (18.5 25 (18.5 (18.5	\$\\ \frac{18.5}{18.5} \tag{18.5} \$\\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	18.5 01 (18.5) (18.5) (18.5)	. 12
(18.5) (18.5) (18.5) (18.5) (18.5) (18.5)	*18.5 26 20.5 (18.5 (18.5)	(18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5 (18.5	418.5 418.5 418.5 418.5 418.5 418.5	-
22 248.5	. ₹	*18.5 34	18.5 <18.5 <13.5	
	28 18.5 28 28	, 18.5 , 18.5 , 18.5	*18.5 *18.5 04	*18.5 09

Figure C-184 LEAD CONCENTRATION'S (ug/I) TASK 4, 4th QUARTER DENVER AQUIFER SOURCE: ESE, 1987

			<u> </u>	1/4 1/2 1 Mile
20	59	32	05	080
	2	•	0	.0
1.	30	. 31	. 06 	
69.2	37.7 <20.1 25 46.5	\$2400 .87.4 \$1.9 \$2400 .87.4 36 116 .54.7 9.3 .<20.1	01	. 12
66	59.3 • <20 49.9 • 29.6 · 28.1 2	\$9.9 \$6.1 104 \$2400 \$20.1	,20.1 ,23.6 02 ,26.2	
59.9	40.1 39.7 27 42.5 24.9	.40.5 34 .20.1 .22.1	21.6 03 68.5 58.6	
,	25.5	27.8 31.4 76.1 31.4 115 33 246 69.5	26.1 <20.1 148 26.1 58.2 58.2 50.1 166 50.1 66.2 50.1 66.2 50.1 66.2 50.1 66.2 50.1 66.2 50.1 66.2 50.1 66.2 50.1 66.2 50.1 66.2 50.1 66.2 50.1 66.2 50.1 66.2 50.1 66.2 50.1 66.2 50.1 66.2 50.1 66.2 50.1 66.2 50.1 66.2 50.1 66.2 50.1 66.2 50.1 66.2 50.1 66.2 50.1 66.2 50.1 66.2 50.1 66.2 50.1 66.2 50.1 66.2 50.1 66.2 50.1 66.2 50.1 66.2 50.1 66.2 50.1 66.2 50.1 66.2 50.1 66.2 50.1 66.2 50.1 66.2 50.1 66.2 50.1 66.2 50.1 66.2 50.1 66.2 50.1 66.2 50.1 66.2 50.1 66.2 50.1 66.2 50.1 66.2 50.1 66.2 50.1 66.2 50.1 66.2 50.1 66.2 50.1 66.2 50.1 66.2 50.1 66.2 50.1 66.2 50.1 66.2 50.1 66.2 50.1 66.2 50.1 66.2 50.1 66.2 50.1 66.2 50.1 66.2 50.1 66.2 50.1 66.2 50.1 66.2 50.1 66.2 50.1 66.2 50.1 66.2 50.1 66.2 50.1 66.2 50.1 66.2 50.1 66.2 50.1 66.2 50.1 66.2 50.1 66.2 50.1 66.2 50.1 66.2 50.1 66.2 50.1 66.2 50.1 66.2 50.1 66.2 50.1 66.2 50.1 66.2 50.1 66.2 50.1 66.2 50.1 66.2 50.1 66.2 50.1 66.2 50.1 66.2 50.1 66.2 50.1 66.2 50.1 66.2 50.1 66.2 50.1 66.2 50.1 66.2 50.1 66.2 50.1 66.2 50.1 66.2 50.1 66.2 50.1 66.2 50.1 66.2 50.1 66.2 50.1 66.2 50.1 66.2 50.1 66.2 50.1 66.2 50.1 66.2 50.1 66.2 50.1 66.2 50.1 66.2 50.1 66.2 50.1 66.2 50.1 66.2 50.1 66.2 50.1 66.2 50.1 66.2 50.1 66.2 50.1 66.2 50.1 66.2 50.1 66.2 50.1 66.2 50.1 66.2 50.1 66.2 50.1 66.2 50.1 66.2 50.1 66.2 50.1 66.2 50.1 66.2 50.1 66.2 50.1 66.2 50.1 66.2 50.1 66.2 50.1 66.2 50.1 66.2 50.1 66.2 50.1 66.2 50.1 66.2 50.1 66.2 50.1 66.2 50.1 66.2 50.1 66.2 50.1 66.2 50.1 66.2 50.1 66.2 50.1 66.2 50.1 66.2 50.1 66.2 50.1 66.2 50.1 66.2 50.1 66.2 50.1 66.2 50.1 66.2 50.1 66.2 50.1 66.2 50.1 66.2 50.1 66.2 50.1 66.2 50.1 66.2 50.1 66.2 50.1 66.2 50.1 66.2 50.1 66.2 50.1 66.2 50.1 66.2 50.1 66.2 50.1 66.2 50.1 66.2 50.1 66.2 50.1 66.2 50.1 66.2 50.1 66.2 50.1 66.2 50.1 66.2 50.1 66.2 50.1 66.2 50.1 66.2 50.1 66.2 50.1 66.2 50.1 66.2 50.1 66.2 50.1 66.2 50.1 66.2 50.1 66.2 50.1 66.2 50.1 66.2 50.1 66.2 50.1 66.2 50.1 66.2 50.1 66.2 50.1 66.2 50.1 66.2 50.1 66.2 50.1 66.2 50.1 66.2 50.1 66.2 50.1 66.2 50.1 66.2 50.1 66.2 50.1 66.2 50.1 66.2 50.1 66.2 50.1 66.2 50.1 66	. 09

Prepared for:
U.S. Army Program Manager's Office
For Rocky Mountain Arsenal
Aberdeen Proving Ground, Maryland

Figure C-185 ZINC CONCENTRATIONS (ug/I) TASK 4, 3rd QUARTER ALLUVIAL AQUIFER SOURCE: ESE, 1987

		<b>—</b> Z	0 1/4 1/2 1 Mile
20	32	05	80
• • • • • • • • • • • • • • • • • • • •	. 30	90	. 20
24 •20.1	36.1 \$20.1 25 81.9 32.7 38.6 \$43.3 \$3.9 \$3.9 \$3.9	\$28.1 \$20.1 01 \$20.1 \$20.1	. 12
50.7 64.6 23 44.6 20.1 38 62.5 20.1	\$8.4 \$8.4 \$6.2 \$20.1 \$0.2 \$20.1 \$4.9 \$34.2 \$34.2 \$34.2 \$34.2 \$34.2 \$34.2 \$34.2 \$34.2 \$34.2 \$34.2 \$34.2 \$34.2 \$34.2 \$34.2 \$34.2 \$34.2 \$34.2 \$34.2 \$34.3 \$34.2 \$34.2 \$34.3 \$34.3 \$34.3 \$34.3 \$34.3 \$34.3 \$34.3 \$34.3 \$34.3 \$34.3 \$34.3 \$34.3 \$34.3 \$34.3 \$34.3 \$34.3 \$34.3 \$34.3 \$34.3 \$34.3 \$34.3 \$34.3 \$34.3 \$34.3 \$34.3 \$34.3 \$34.3 \$34.3 \$34.3 \$34.3 \$34.3 \$34.3 \$34.3 \$34.3 \$34.3 \$34.3 \$34.3 \$34.3 \$34.3 \$34.3 \$34.3 \$34.3 \$34.3 \$34.3 \$34.3 \$34.3 \$34.3 \$34.3 \$34.3 \$34.3 \$34.3 \$34.3 \$34.3 \$34.3 \$34.3 \$34.3 \$34.3 \$34.3 \$34.3 \$34.3 \$34.3 \$34.3 \$34.3 \$34.3 \$34.3 \$34.3 \$34.3 \$34.3 \$34.3 \$34.3 \$34.3 \$34.3 \$34.3 \$34.3 \$34.3 \$34.3 \$34.3 \$34.3 \$34.3 \$34.3 \$34.3 \$34.3 \$34.3 \$34.3 \$34.3 \$34.3 \$34.3 \$34.3 \$34.3 \$34.3 \$34.3 \$34.3 \$34.3 \$34.3 \$34.3 \$34.3 \$34.3 \$34.3 \$34.3 \$34.3 \$34.3 \$34.3 \$34.3 \$34.3 \$34.3 \$34.3 \$34.3 \$34.3 \$34.3 \$34.3 \$34.3 \$34.3 \$34.3 \$34.3 \$34.3 \$34.3 \$34.3 \$34.3 \$34.3 \$34.3 \$34.3 \$34.3 \$34.3 \$34.3 \$34.3 \$34.3 \$34.3 \$34.3 \$34.3 \$34.3 \$34.3 \$34.3 \$34.3 \$34.3 \$34.3 \$34.3 \$34.3 \$34.3 \$34.3 \$34.3 \$34.3 \$34.3 \$34.3 \$34.3 \$34.3 \$34.3 \$34.3 \$34.3 \$34.3 \$34.3 \$34.3 \$34.3 \$34.3 \$34.3 \$34.3 \$34.3 \$34.3 \$34.3 \$34.3 \$34.3 \$34.3 \$34.3 \$34.3 \$34.3 \$34.3 \$34.3 \$34.3 \$34.3 \$34.3 \$34.3 \$34.3 \$34.3 \$34.3 \$34.3 \$34.3 \$34.3 \$34.3 \$34.3 \$34.3 \$34.3 \$34.3 \$34.3 \$34.3 \$34.3 \$34.3 \$34.3 \$34.3 \$34.3 \$34.3 \$34.3 \$34.3 \$34.3 \$34.3 \$34.3 \$34.3 \$34.3 \$34.3 \$34.3 \$34.3 \$34.3 \$34.3 \$34.3 \$34.3 \$34.3 \$34.3 \$34.3 \$34.3 \$34.3 \$34.3 \$34.3 \$34.3 \$34.3 \$34.3 \$34.3 \$34.3 \$34.3 \$34.3 \$34.3 \$34.3 \$34.3 \$34.3 \$34.3 \$34.3 \$34.3 \$34.3 \$34.3 \$34.3 \$34.3 \$34.3 \$34.3 \$34.3 \$34.3 \$34.3 \$34.3 \$34.3 \$34.3 \$34.3 \$34.3 \$34.3 \$34.3 \$34.3 \$34.3 \$34.3 \$34.3 \$34.3 \$34.3 \$34.3 \$34.3 \$34.3 \$34.3 \$34.3 \$34.3 \$34.3 \$34.3 \$34.3 \$34.3 \$34.3 \$34.3 \$34.3 \$34.3 \$34.3 \$34.3 \$34.3 \$34.3 \$34.3 \$34.3 \$34.3 \$34.3 \$34.3 \$34.3 \$34.3 \$34.3 \$34.3 \$34.3 \$34.3 \$34.3 \$34.3 \$34.3 \$34.3 \$34.3 \$34.3 \$34.3 \$34.3 \$34.3 \$34.3 \$34.3 \$34.3 \$34.3 \$34.3 \$34.3 \$34.3 \$34.3 \$34.3 \$34.3 \$34.3 \$34.3 \$34.3 \$34.3 \$34.3 \$34.3 \$34.3 \$34.3 \$34.3 \$34.3 \$34.3 \$34.3 \$34.3 \$34.3 \$34.3 \$34.3 \$34.3 \$34.3 \$34.3 \$34.3	.20.1 83.4 .20.1 .55.8 .20.1 .20.1	
22	2. 23.	03	
	\$20.1 \$20.1 \$20.1 \$33 \$20.1	, 32.3 04	

Figure C-186 ZINC CONCENTRATIONS (ug/l) TASK 4, 3rd QUARTER DENVER AQUIFER SOURCE: ESE, 1987

			<del></del> Z	0 1/4 1/2 1 Mile
. 20	29	32		80
00	30	.31	90.	
34.8 73.5 63.3 24 80.5	38.9 150 25 112	35.7.9 • 35.6 36 • 20.1 • 20.1 • 20.1	36.1 01 .<20.1 .28.5	. 12
34.8 23.2 23.4 41.8 41.8 46.4 38.3 46.4 64.6	78.9 76.2 20.1 68 76.2 70.9 26 38 70.3 70.3	,20.1 73.6 35 126 110		
	45 169 72 34.2 27 31.6	32.1 34 \$20.1 126	27.2 <20.1 03 48.1 27.4	
	105	80.8 29.7 24.9 220.1 220.1 220.1 41.7	31.2 25.2 21.7 20.1 20.1 27.3 27.3 28.1 20.1 24.5 34.5 20.1 25.1 20.1 24.5 20.1 25.0 1	09 28.6

Figure C-187 ZINC CONCENTRATIONS (ug/I) TASK 4, 4th QUARTER ALLUVIAL AQUIFER SOURCE: ESE, 1987

				0 1/2 1 Mile
20	29	32	05	08
. 6	30		90	. 20
23.8 24 33.4	\$3.4 \$20.1 25 68.5 \$20.1	\$20.1 \$2.3 \$2.3 \$36 \$36 \$3.6	\$26.1 \$20.1 01 \$20.1 \$20.1	. 12
\$7.6° \$20.1 23 \$20.1 \$0.9	24.2 35.5 26 \$8.7 98.2	\$20.1 69.8 \$7.6 47.6 47.6 1 25.2 28.8 25.2 28.8 20.1 94.1	\$20.1 \$3.2 \$20.1 \$20.1 \$20.1 \$20.1	
33, 22	\$20.1 \$59.2 27 \$420.1	20.1 34	.20.1 38.9 03	
	28	. 240.1 . 220.1 . 33 . 220.1 . 31.6	, 20.1 , 20.1 04	22.8 09

Figure C-188 ZINC CONCENTRATIONS (ug/I) TASK 4, 4th QUARTER DENVER AQUIFER SOURCE: ESE, 1987

			1 Mile
			7, 7, 0
	32	05	• 08
30	31	.00	
<ul><li>c0.243 25</li><li>c0.243</li></ul>	*0.243 • <0.243 • <0.243 \$6.243 • 0.243 • 0.722 • <0.243	<ul><li>&lt;0.243</li><li>&lt;0.243</li><li>&lt;0.243</li><li>&lt;0.243</li></ul>	. 12
<ul><li>&lt;0.243</li><li>&lt;0.243</li><li>&lt;0.245</li></ul>	.0.243 .0.243 .0.243 .0.243 .0.243	.0.243 .0.243 02 .0.243	
27 .0.243	34		
40.243	. 33		60 •
	(0.243       27       (0.243)       26       (0.243)       30         28       (0.243)       (0.243)       (0.243)       30         (0.243)       (0.243)       (0.243)       30	40.243       25       40.243       40.243       40.243       40.243       40.243       40.243       40.243       40.243       40.243       40.243       40.243       40.243       40.243       40.243       40.243       40.243       40.243       40.243       40.243       40.243       40.243       40.243       40.243       40.243       40.243       40.243       40.243       40.243       40.243       40.243       40.243       40.243       40.243       40.243       40.243       40.243       40.243       40.243       40.243       40.243       40.243       40.243       40.243       40.243       40.243       40.243       40.243       40.243       40.243       40.243       40.243       40.243       40.243       40.243       40.243       40.243       40.243       40.243       40.243       40.243       40.243       40.243       40.243       40.243       40.243       40.243       40.243       40.243       40.243       40.243       40.243       40.243       40.243       40.243       40.243       40.243       40.243       40.243       40.243       40.243       40.243       40.243       40.243       40.243       40.243       40.243       40.243       40.243       40.243       40.243	28       *0.243       27       *0.243       26       *0.243       25       30         28       *0.243       *0.243       *0.243       *0.243       *0.243         33       34       *0.243       *0.243       *0.243       *0.243         *0.243       *0.243       *0.243       *0.243       *0.243         *0.4       03       *0.243       *0.243       *0.243         *0.243       *0.243       *0.243       *0.243         *0.243       *0.243       *0.243       *0.243         *0.243       *0.243       *0.243       *0.243         *0.243       *0.243       *0.243       *0.243

Figure C-189 MERCURY CONCENTRATIONS (ug/I) TASK 4, 3rd QUARTER ALLUVIAL AQUIFER SOURCE: ESE, 1987

			<b>Z</b> -	0 1/2 1 Mile
20	29	32	05	80
• • 61	. 30	31	90	. 20
24 *0.243	*0.243 *0.243 25 <0.243 0.259	*0.243	.0.243 .0.243 01 .0.243 .0.243	. 12
.0.243 .0.243 .0.243 .0.243 .0.243	.0.243 26 .0.243 .0.243 .0.243	.0.243 .0.243 .0.243 .0.243 .0.243 .0.243 .0.243 .0.243	0.243 0.243 0.243 0.243 0.243 0.243	-
22 .0.243	.0.243 .0.243 .0.243	.°0.243 34	03	
,	28	. 33	• 04	60

Figure C-190 MERCURY CONCENTRATIONS (ug/I) TASK 4, 3rd QUARTER DENVER AQUIFER SOURCE: ESE, 1987

			-Z-	0 1/2 1/2 1 Mile
20	29	32	05	80
9	30	15		. 20
.0.243	.0.243 0.313 25 .0.243	<ul> <li>*0.243</li> <li>*0.243</li> <li>*0.243</li> <li>*0.243</li> <li>*0.243</li> <li>*0.243</li> <li>*0.243</li> <li>*0.243</li> <li>*0.243</li> </ul>	01	. 12
<ul> <li>&lt;0.243</li> <li>&lt;0.243</li> <li>&lt;0.243</li> <li>&lt;0.243</li> <li>&lt;0.243</li> <li>&lt;0.243</li> <li>&lt;0.243</li> </ul>	0.243, c0.243 0.313 0.531 0.313 c0.343 c0.243 c0.243 c0.243	.0.243 .0.243 .0.243 .0.243	0.254 0.243 02 0.243 0.243	
\	60.243 60.243 27 60.243		.0.243 c0.243	
	46.243		. 04	60

Figure C-191 MERCURY CONCENTRATIONS (ug/l) TASK 4, 4th QUARTER ALLUVIAL AQUIFER SOURCE: ESE, 1987

			~~~Z~~	0 1/4 1/2 1 Mile
20	29	32	05	08
	30	31	90	. 20
	.0.243 0.262 25 <0.243 .0.243	\$\begin{align*} \begin{align*} \begi	.0.243 01 .0.243 .0.335	. 12
.0.243 .0.243 .0.243 .0.243 .0.243	.60.243 .60.243 .60.243 .60.243	.0.243 .0.243 .0.243 .0.243 .0.243 .0.243 .0.243	0.366 \$9.243 \$0.243 \$0.243 \$0.243 \$0.243	
22 22 .0.243	. ಳ	*0.243 34	0.253 <0.243 0.3	
	\$0.243 \$0.243 28	. 33	. 004	60

Figure C-192 MERCURY CONCENTRATIONS (ug/l) TASK 4, 4th QUARTER DENVER AQUIFER SOURCE: ESE, 1987

				0 1/2 1/2 1 Mile
20	29	32	05	• 08
. 61	30	. 31	90	
3.88 24 .3.88	.3.88 25 °3.88	28.3.9 • <3.88 36 214 •3.88 •3.88 • <3.88	01	• 12
 <3.88 <3.88 <3.88 <3.88 <3.88 <3.99 <4.83 4.83 	3.88 1 26 1 26	 3.88 3.88 3.88 3.88 3.88 		
5.5.01 2.5.33 2.3.88	13.5	.3.88 34 .3.88 .3.88	43.88 43.88 43.88	
,	28 .3.88	3.88 3.88 3.88 3.88 3.38 3.38 3.38	43.88 43	. 09

Figure C-193 ARSENIC CONCENTRATIONS (ug/I) TASK 4, 3rd QUARTER ALLUVIAL AQUIFER SOURCE: ESE, 1987

		—Z-	0 1/4 1/2 1 Mile
29	32	05	80
. 30	• 31	90 .	. 20
\$3.88 25 \$3.88 \$3.88	\$3.88 \$3.88 \$3.88 \$3.88 \$21.7	.3.88 01 .3.88 .3.88 .3.88	. 12
.3.88 26 .3.88 3.88 .3.88 5.81	\$\frac{52.88}{53.88}\$ 14.2 \$\frac{53.88}{53.88}\$ \$\frac{53.88}{53.88}\$ \$\frac{53.88}{53.88}\$		-
.3.88 .88	.*3.88 34	03	
28	3.88 3.38 3.88 3.88	12.5	,3.88 09
	3.88 3.00 3.88 3.88 3.00 3.88 3.88 3.00 3.88 3.88	33 33 35 3388 31 33 34 35 3188 3188 3188 33 34 35 3188 317	3.88 3.88 3.88 3.88 3.98 3.1 3.98 3.1 3.98 3.1 3.98 3.1 3.98 3.1 3.98 3.1 3.98 3.1 3.98 3.1 3.98 3.1 3.98 3.1 3.98 3.1 3.1 3.98 3.1 3.1 3.2 3.1 3.2 3.1 3.2 3.1 3.2 3.1 3.1 3.2 3.1 3.2<

Figure C-194 ARSENIC CONCENTRATIONS (ug/l) TASK 4, 3rd QUARTER DENVER AQUIFER SOURCE: ESE, 1987

			—Z—	0 1/2 1/2 1 Mile
20	29	32	05	80
. 6	30	. 31	90.	
4.05 4.05 4.3.88 4.3.88 24 4.3.88	*3.88 14.3 25 *4.00	. 22 . 66.6 . 124 . 36 . 234 . 5.4 . 5.4	63.88	. 12
4.98 7 5.3 6.6 17.5 8.54 26.8	5.25 . 13. 7.4	4.00 (3.88 (4.00 (5.3.88 (4.00 (3.88		-
÷4.88	\$3.88 \$24 11.8 \$6.24 \$27 \$22.1 \$3.88	.3.88 .3.88 .3.88	.3.88	
	28 28 3.88	.3.88 .3.88 .3.88 .3.88 .3.88	.3.88 .43.88 .3.88 .43.88 .3.88 .43.88 .3.88 .43.88 .43.88 .43.88 .43.88 .43.88 .43.88	

Figure C-195 ARSENIC CONCENTRATIONS (ug/I) TASK 4, 4th QUARTER ALLUVIAL AQUIFER SOURCE: ESE, 1987

			— Z	0 1/4 1/2 1 Mile
20	59	32	05	80
• 61	30	31	90	. 20
.3.88 .3.88 24 .3.88	*3.88 *3.88 25 <4.00 *4.00	53.88 5.75 53.9 3.6 3.4 53.88	.3.88 01 .3.88 .3.88 .3.88 .3.88	. 12
.3.88 23 6.23 6.21 6.4.00 3.88	 <3.88 <3.88 <26 <3.88 <6.81 16.4 8.57 	4.05 4.00 4.70 4.72 5.3.88	5.45 5.76 \$4.00 \$4.00 \$4.00 \$4.00 \$3.88	
22		.*3.88 34	<3.88	
,	28 43.88 28	.3.88 .3.88 .3.88	.3.88 04	•3.88 09

Figure C-196 ARSENIC CONCENTRATIONS (ug/I) TASK 4, 4th QUARTER DENVER AQUIFER SOURCE: ESE, 1987

APPENDIX D SURFACE WATER DATA APPENDIX D.1
WATER BALANCE COMPUTATION PROCEDURES

1. Havana Pond Water Balance

- 1.A.1) Volume relating to recorder reading reduced from the beginning of first day of each month.
- 1.B.1) Monthly summation of hourly discharge data reduced from continuous stage recordings.
- 1.B.2) Same as 1.B.1.
- 1.B.3) The product of the average of data available from two on post gages and Stapleton data and the arithmetic mean of the ponded area at the beginning and end of the month.
- 1.C.1) The product of the evaporation value obtained for Cherry Creek Reservoir and the mean ponded area.
- 1.C.2) Neglected.
- 1.D.1) 1.A.1 + 1.B.1 + 1.B.2 + 1.B.3 1.C.1
- 1.E.1) Volume relating to recorder reading reduced from the beginning of the first day of the following month.
- 1.F.1) 1.A.1 1.E.1

2. Lakes Water Balance

- 2.A.1) Volume relating to weekly staff gage reading taken on the Monday nearest the beginning of the month.
- 2.B.1) Summation of total weekly discharges, derived from the hourly reduction of continuous stage recordings, which best represent the desired month.
- 2.B.2) Same as 2.B.1.
- 2.B.3) Same as 2.B.1.
- 2.B.4. Same as 1.B.3.
- 2.C.1) Same as 1.C.1.
- 2.C.2) Neglected.
- 2.D.1) 2.A.1 + 2.B.1 + 2.B.2. + 2.B.3 + 2.B.4 2.C.1 2.H.1.
- 2.E.1) Volume relating to staff gage reading taken for the week which best represents the beginning of the following month.
- 2.F.1) 2.A.1 2.E.1.

- 2.G.1) Same as 2.A.1.
- 2.H.1) Same as 2.B.1.
- 2.H.2) Same as 1.B.3.
- 2.I.1) Same as 1.C.1.
- 2.I.2. Neglected.
- 2.I.3) Difference in weekly flows which most accurately represent the beginning of the current and following month converted to acre-feet.
- 2.J.1) 2.G.1 + 2.H.1 + 2.H.2 2.I.1 2.I.3.
- 2,K.1) Same as 2.E.1.
- 2.L.1) 2.G.1 2.K.1.

3. First Creek Water Balance

- 3.A.1) Same as 1.B.1.
- 3.B.1) Neglected.
- 3.C.1) Neglected.
- 3.D.1) Neglected.
- 3.E.1) Same as 2.I.3.
- 3.F.1) Same as 1.B.1.
- 3.G.1) 3.E.1.

4. Basin A Inflows

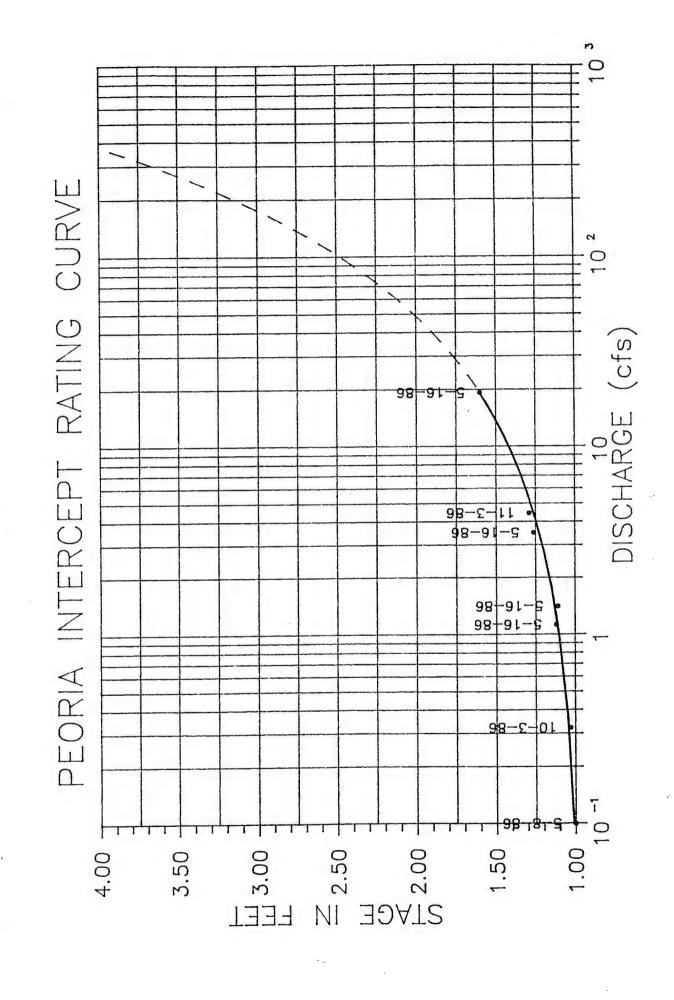
- 4.A.1) Same as 1.B.1.
- 5. Loss/Gain between South and North Uvalda
 - 5.A.1) Difference between monthly flow for North and South Uvalda calculate the same as for 1.B.1.

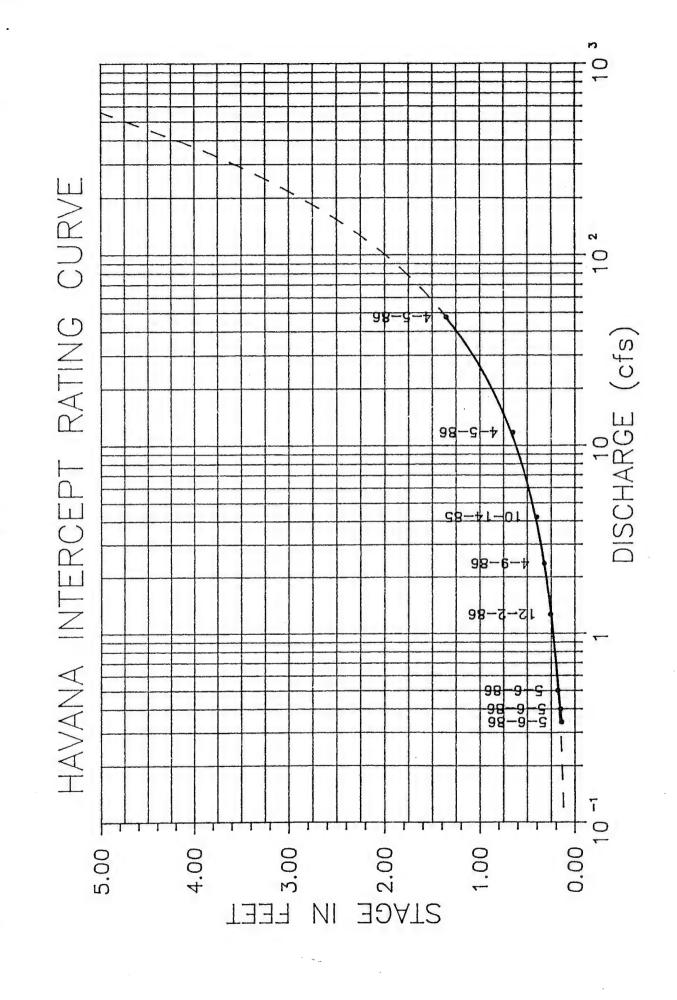
6. Lake Mary Water Balance

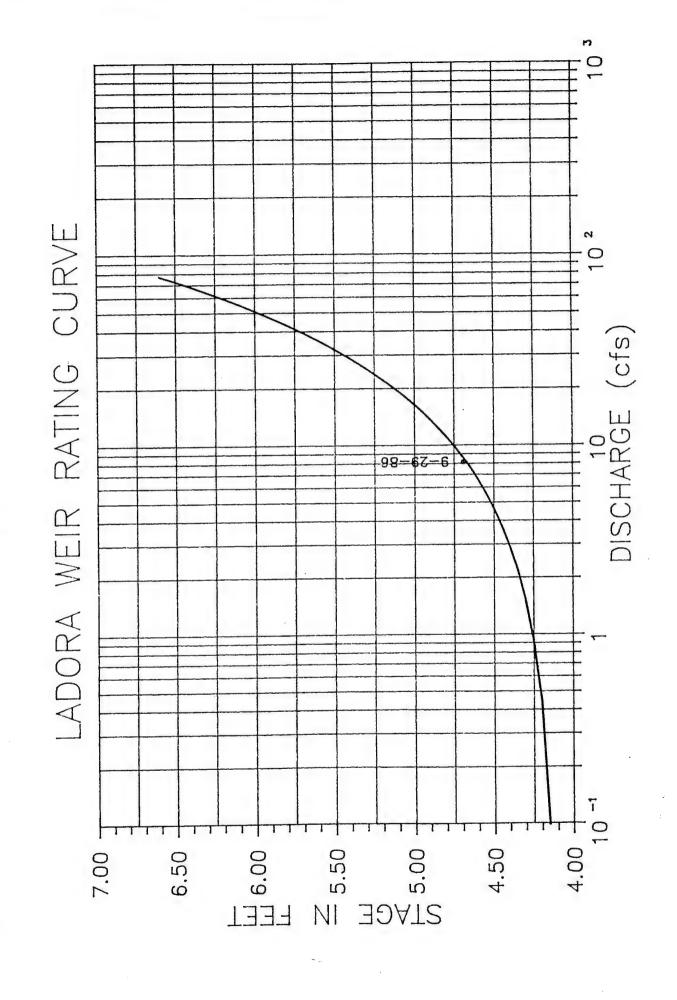
- 6.A.1) Unavailable.
- 6.B.1) Same as 1.B.3.
- 6.C.1) Same as 1.C.1.

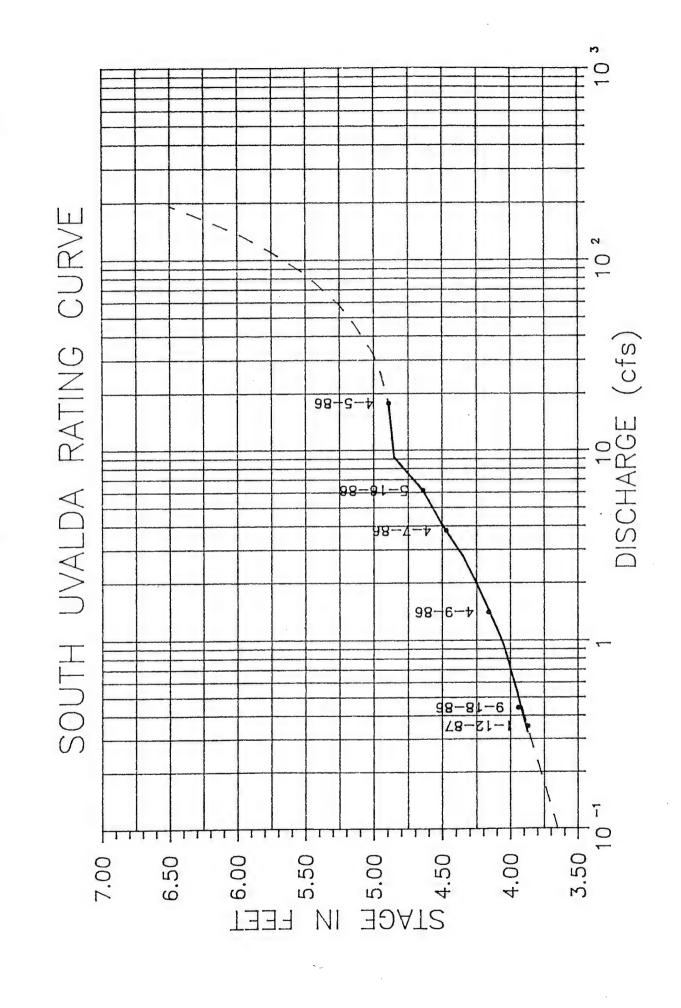
- 6.D.1) Neglected.
- 6.E.1) Volume change resulting from 6.B.1 6.B.2.
- 6.F.1) Unavailable
- 6.G.l) Product of the change in elevation, from staff gage readings for weeks best representing the beginning of the current and following months, and a value for the surface area.

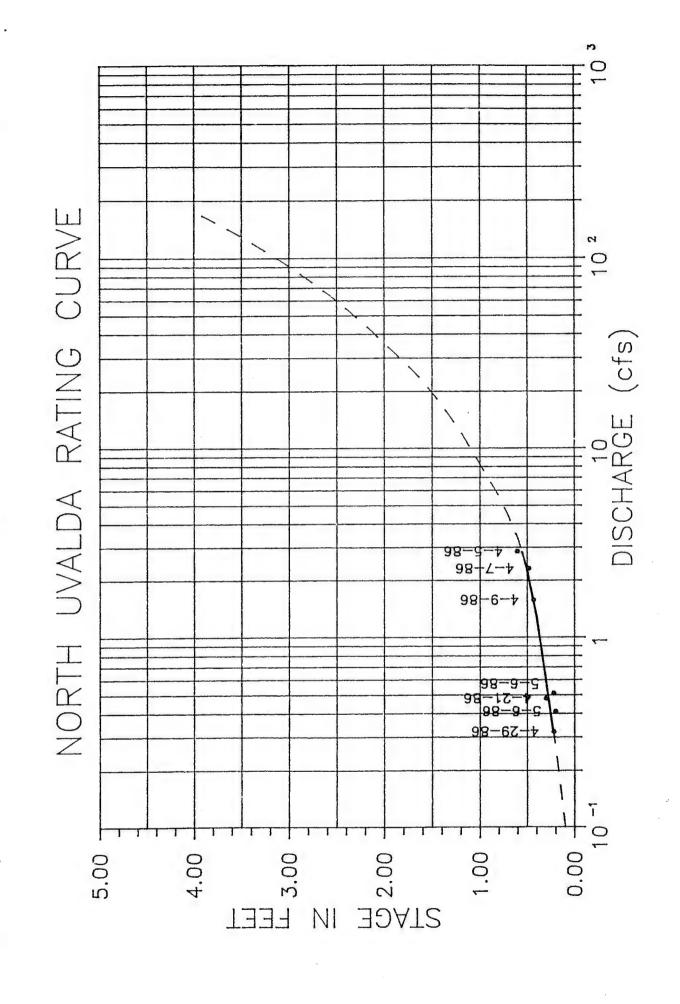
APPENDIX D.2 RATING CURVES

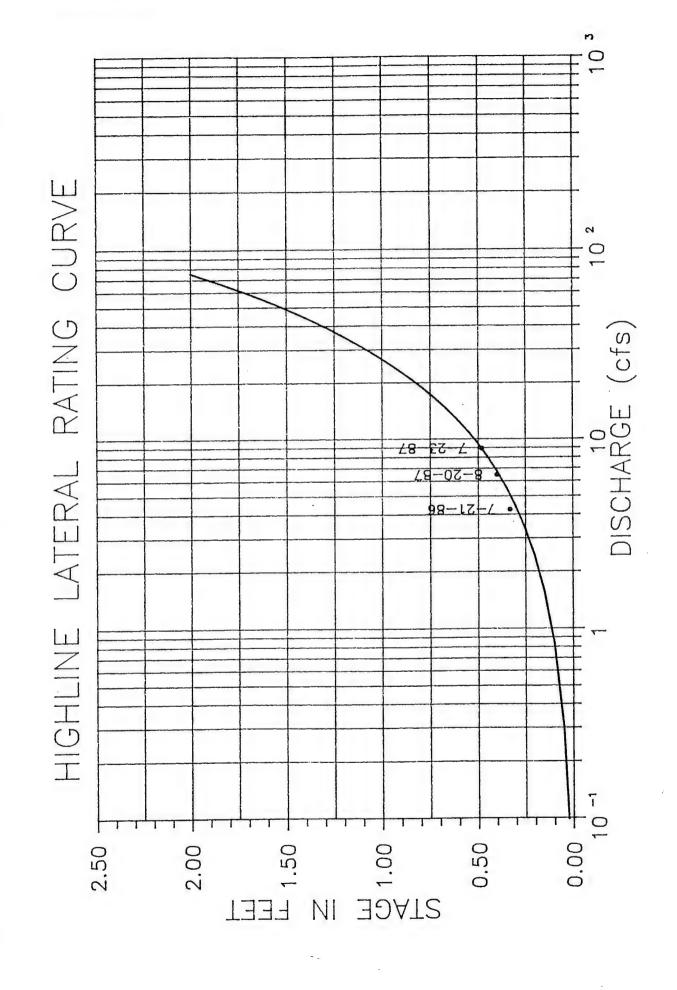


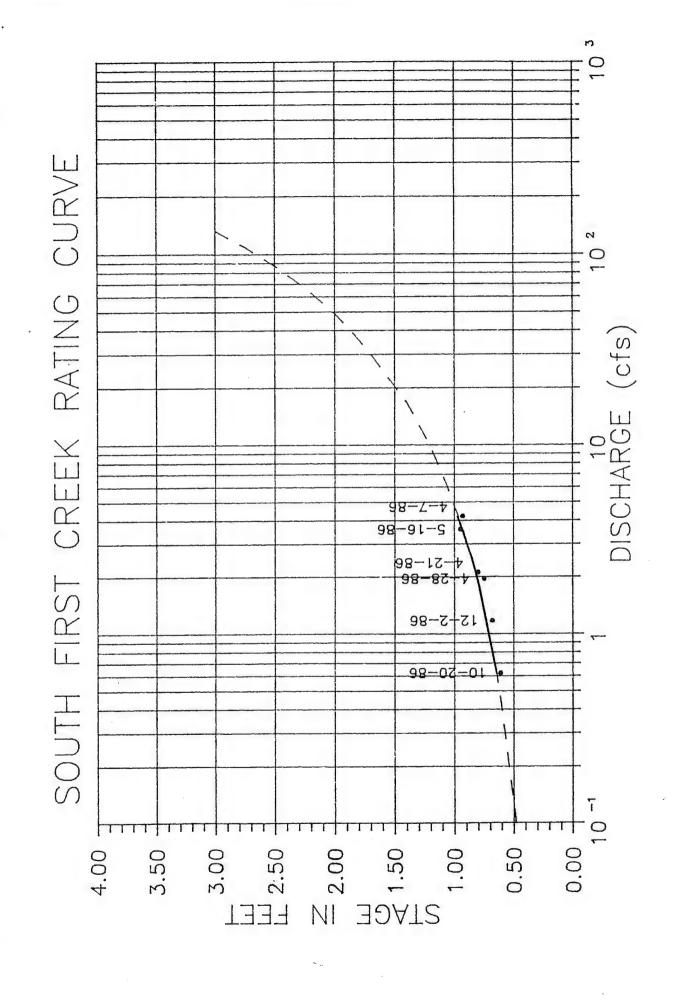


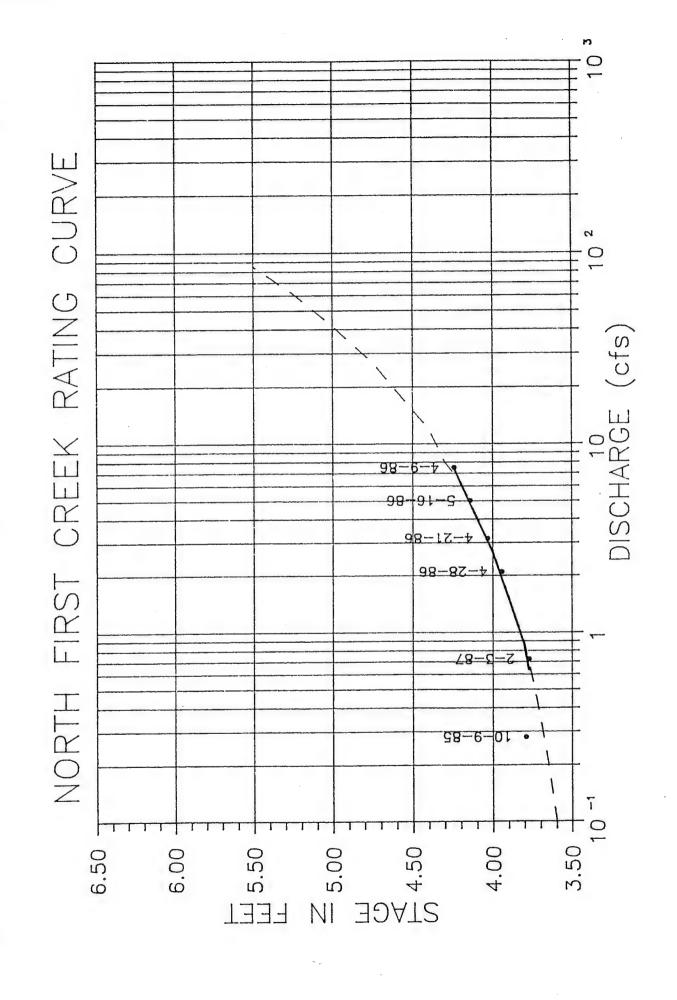


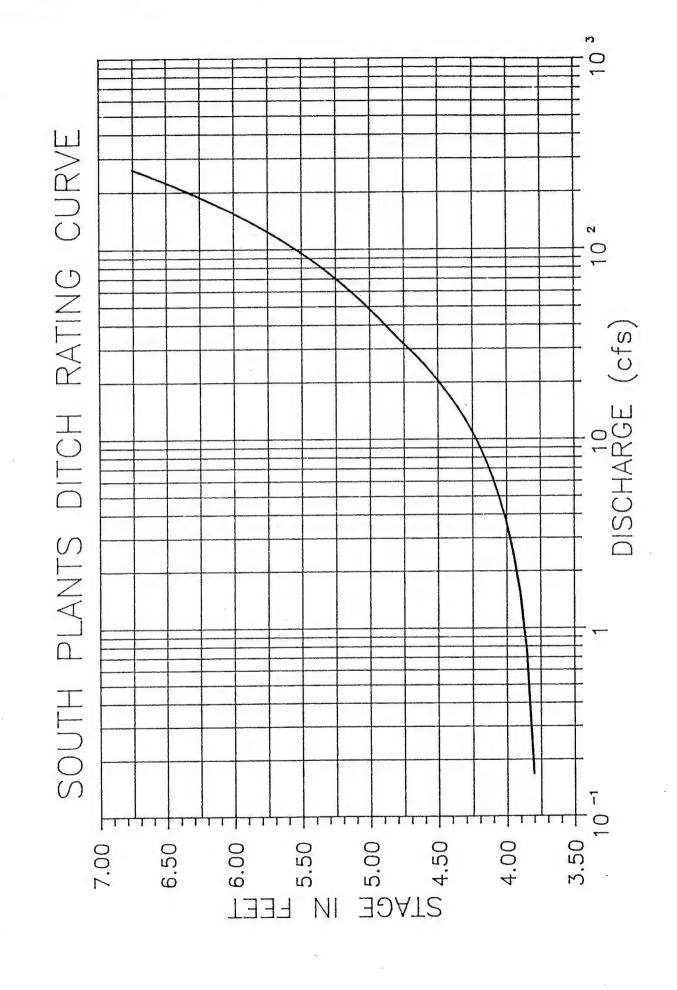


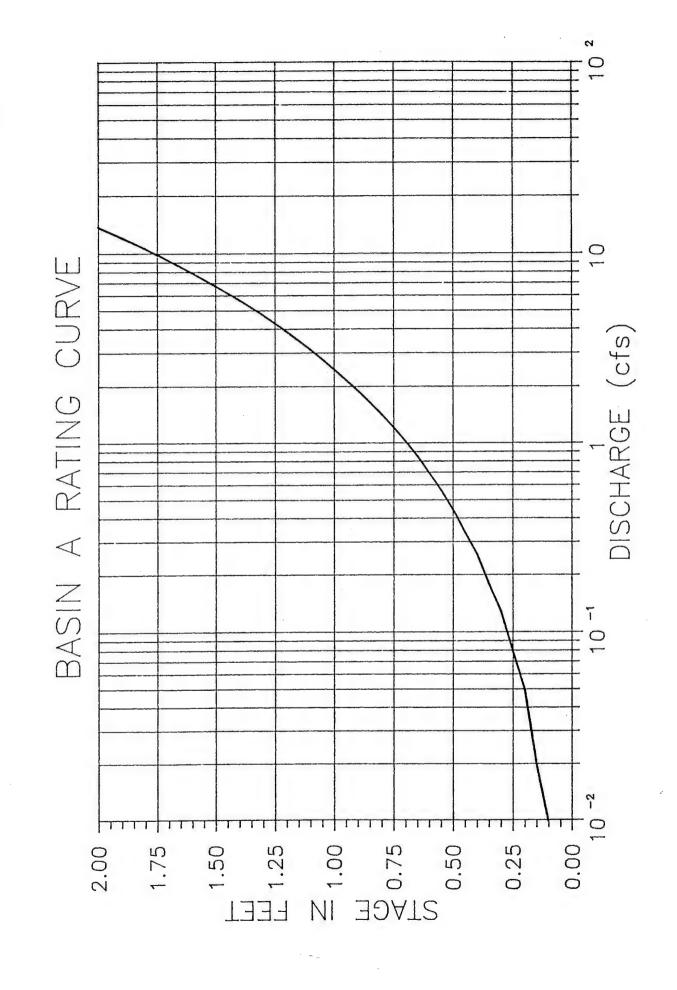












APPENDIX D.3
RMA LAKE STAGES AND METER READINGS

RMA LAKE STAGES AND METER READINGS

DATE	UPPER DERBY STAGE (FEET)	LOWER DERBY STAGE (FEET)	LADORA LAKE STAGE (FEET)	MARY LAKE STAGE (FEET)	STP METER READING (GAL.)	LADORA METER READING (GAL.)
03/31/86	0.0	16.3	12.4	1.48	326654	779696
04/07/86	0.9	16.1	12.7	1.64	327102	781144
04/14/86	1.0	16.2	12.4	1.72	327102	782576
04/21/86	1.0	16.3	12.5	1.65	328892	784243
04/28/86	0.9	16.2	12.4	1.60	330517	786280
05/05/86	0.7	16.1	12.3	1.52	331745	788016
05/12/86	0.4	16.1	12.4	1.46	333275	789558
05/19/86	0.6	16.2	12.4	1.46	334655	791276
05/26/86	0.0	16.1	12.3	1.37		792993
06/02/86	0.0	16.0	12.3	1.39	337154	795855
06/09/86	0.0	15.8	12.2	1.34	338658	795855
06/16/86	0.0	15.8	12.2	1.28	339835	799436
06/23/86	0.0	15.7	12.0	1.15	341113	801245
06/30/86	0.0	15.4	11.8	1.02	342225	806218
07/07/86	0.0	15.3	11.6	0.89	343179	810387
07/14/86	0.0	15.1	11.4	0.75	344144	814193
07/21/86	0.0	17.1	11.4	0.77	344917	817070
07/28/86	0.0	16.5	11.6	0.66	345712	820113
08/24/86	0.0	16.4	11.6	0.68	346471	822778
08/11/86	0.0	15.8	11.9	0.57	346996	826002
08/18/86	0.0	15.5	11.8	0.53	347412	828297
08/25/86	0.0	15.4	11.6	0.47	348242	831633
09/01/86	0.0	15.1	11.5	0.35	348753	833536
09/08/86	0.0	16.7	11.4	0.34	349340	836779
09/15/86	0.0	16.8	11.3	0.22	349865	839298
09/22/86	0.0	16.5	11.3	0.15	350231	840819
09/29/86	0.0	16.3	11.3	0.09	350577	843080
10/06/86	0.0	15.7	11.9	0.04	351164	843970

APPENDIX D.4
DAILY STREAM DISCHARGE SUMMARY

***** DAILY STREAM DISCHARGE SUMMARY (CFS) *****

STATION: PEORIA INTERCEPT

7.3 26.2 14.6 0 0 0 0 0 0 37.7 20.4 14.8 121.8 230.8 2.0 c, 00000000 0. 0. -. 0. -. -. 9 - - - - -0 0 0 0 0 0 0 -00000 0,0,0,0,0 0 0 0 0 0 0, 0, -, 0, -, 0, 0. 0. 0. - 2. 2. - 0 - - 0 0 w. o. o. 4. o. o. 0 0 0 0 0 0 0 9 9 9 7 7 9 6.4 0.0.0 0.0.0 0. 2. 9. -. 5. 0. -. 0.0.0.0.. 0.00.00 0.00.00.00 0.0.0.0.0 4000000 - 9.9. - 0.0. 0,0,0,0,0 4. 6. 4. 0. 0. -4. -. 0. 0. -. 7. V. 0. 0. - 0. E. 6.00.00.00 3.2 2000-0 w 0 0 N 4/86 5/86 6/86 7/86 8/86 9/86

STATION: HAVANA INTERCEPT

358.7 95.1 77.5 113.7 118.6 70.5 4 4 4 4 4 4 1.4 40.5 189.5 45.7 25.0 .9 210.4 0.1 6.1 6. 1.1 6. 0.9 4. 7. 8. 8. 1. 1. _ . 4: ..5 \equiv 1.3 6. 6. 7. 1.0 6. 8: 2: 4: 2: 8: 8: - 4. 8. 6. 4. 4. 5: 7: 1:8 6 6. 2. 6. 4.2 9.1 0. 8. 8. 7.1 0.1 .0 .0 .7 .7 .7 .1 .8 .6 1.0 7.2 1.7 1.0 1.0 3.3 10.3 2.7 1.9 9.1 4. 1.0 4.1 6. 1.1 7.1 8. 1.3 6. 6. 6. 6. 6. 2.2 .9 .9 ..0 1.5 .8 --.8 5. 6. 9. 4.6 5.6 8. 1.1 6.6 2.6 .7 1.4 1.4 - 6. 2. 8. 1. 5.7 36.3 62.8 ∞ ~ 1.5 2.3 .7 11.2 4: 8. 4/86 5/86 6/86 7/86 8/86 9/86

STATION: LADORA WEIR

***** DAILY STREAM DISCHARGE SUMMARY (CFS) *****

STATION: SOUTH UVALDA

(AC/FT) MONTH MONTH MONTHLY MIN TOTAL MAX 3 Ж 29 28 27 26 25 24 23 22 2 20 6 <u>@</u> 7 9 $\overline{\Sigma}$ 4 3 12 = \circ 6 8 9 L α 7 \DAY 1

138.5 56.8 56.3 63.3 52.1 0 4 7 4 4 4 52.0 52.0 8.4 9.0 ထံ ည ۲. က်ထော်ထုံတော်လုံထ 0 0 0 0 0 1 0 7 0 0 0 0 0 1. 1. 5. 6. 6. 5. 5. 0. 4. 8. 8. 8. 9. 0 6 8 9 9 9 0.0.8.1.1. 7. 0. 8. 0. 0. 2. 6. 6. 6. 6. 6. 0. 1. 6. 8. 1. 2. 7.7. 6.8. 7.7. 7.5. 7.5. 5.5 7. 9. 8. 7. 7. 9. 8. 6. 8. 4. 8. 2. .6 .8 .3.3 .5 .7 5.3 1.0 æ. r.: 6. 2.2 8. 6. 8. 6. 6 1. 1. 8. 1. 4. 7: 1. 1. 8: 8: 4 8. 6. 7. 7. 6 -- 7. 7. 8. 8. 5. 6.0 6.0 8. 5. 8 7 7 8 8 2 1.6 2.0 2.0 1.0 .8 .8 2.4 0.4 11.2 8. 7. 8. 1. 8. 7. 1.0 21.5 1 .7 .7 .7 .6 .7 .6 .7 1.2 1.3 1.6 1.0 ..6 ..6 6.5 .6 .1.1 1.1 7.7 8 6 8 9 4/86 5/86 6/86 7/86 8/86 9/86

STATION: NORTH UVALDA

51.7 34.0 18.7 153.1 24.7 202.4 0 - 2 2 - 2 15.8 12.3 14.6 17.0 15.8 24.0 4. 5 m. 2 4 4 4 4 4 73 4 4 6 6 6 古る なる なる で 4 6 6 4 6 6 vi wi vi 4 vi wi 4 6 4 4 6 6 ri wi vi ri wi wi 6 ki 5 æ ei ki 4. 4. 6. 5. 4. 6. 4. 5. 6. 5. 6. 6 4 5 6 5 E 8. 4. 5. 7. E. E. E. 1.4 2.2 8.9 8.9 8.5 3.6 4. E. .6 1.4 .2 .2 12.8 ů. ن 6 4 5 6 6 4 6 4 5 6 4 4 8 4 4 4 2.2 4. w. ri 4. 6. E. 4. E. 4. .3 4. 6. 6. 7. 4 2.8 0.1 w 5 w 5 4/86 5/86 6/86 7/86 8/86 9/86

STATION: HIGHLINE LATERAL

.0 .0 .0 .45.1 9,9,9,9,9 0. 0. 44 0. 0. 0. 8.5 9.9 000000 0 0 0 0 0 0 0 0.0.0.0.0.0 0 0 0 0 0 0 0 0.000000 0000000 0 0 0 0 0 0 0 0 0 0 0 0 0 0. 0. 6.5 0.0 0 0 0 <u>1 0</u> 0 0 0. 0. 0. 7.6 0.0 0. 0. 0. 6. 0. 0. 0. 0. 0. 11.8 0. 0. 0. 8. o. a 10.4 0 0 0 = = 0.0.0.2.5 o. o. 0 0 0 0 0 0 0 0 0 0 0 0 0000000 0 0 0 0 0 0 0 0. 0. 0. 7.7 0.0. 0.00 0.0000 0. 0. 0. 0. 0. 0. 0. 0. 0. 0.0.0.0.27 0. 0. 0. 0. 2.2 4/86 5/86 6/86 1/86 8/86 9/36

***** DAILY STREAM DISCHARGE SUMMARY (CFS) *****

STATION: SOUTH FIRST CREEK

(AC/FT) MONTH MONTH MONTHLY MAX MIN TOTAL 3 8 53 88 27 56 23 24 23 23 21 20 6 <u>&</u> _ 9 5 4 \simeq 2 = ≘ ထ 9 S 2 VAY 1 MONTH

147.2 88.4 46.2 4.0 6.4 7. 0. 0. 0. 0. 9.8 4.9 1.4 3.9 œ. 4.1 2.1 0. 0. E. 4.1 7. 8. - 0. 0. 4. 6.1 4.1 1. 0. 0. 0. 6.1 4.1 5.0 6.0 7. 6. 4. 5. 0. 0. 5. 5. 0. 1. 6. 2. 4 - 4 5 6. 6. 6. 6. 6. 6. 6. 6. 6. 6. 8.1 4.1 6. 0. 1. 6.1 6.1 0.0 2.2 1.4 1.6 0.0 0.0 2.0 2.0 .. 0.0. 9.5 8.0.0.0 6. 6. 0. 0. 0. 2.2 1.4 .0 .0 2.5 2.6 2.9 3.2 1.5 2.0 0.0 6.0 11.7 4.0.0.0.0 5. 0. 1. 0. 4:10.0.0.0.0.0. 2.0 1.2 1.0 4. -- -- 0. 2. 0. 0. 4/86 5/86 98/9 98/8 98/8

STATION: NORTH FIRST CREEK

5.4 267.4 2. - 0. 0. 0. 0. 24.0 6.2 2.8 2.0 9. 0 0 7. 4. 0. 0. 0. 8.0000 2.0.0.0.0 4 0 0 0 0 - 0 0 0 0 0 - 0 0 0 0 50000 w. a. a. a. a. 8.50000 2.8 _ 0 0 0 0 w. o. o. o. 3.8 3.2 2.7 2.7 0.0 0.0 0.0 2.8 4.6 0,0000 3.8 \equiv - 0 0 0 _ _ 0, 0, 0, 0.00.00 7.5 E. 0. 0. 0. $\ddot{}$ - 0 0 0 - m 0 0 0 7.0 _ 2. 0. 0. 0. 17.3 10.01 2. 2. 0. 0. 8 5 5 0 0 0 0 0 0 4/86 5/86 98/8 98/8 98/8

STATION: SOUTH PLANTS DITCH

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****** DAILY STREAM DISCHARGE SUMMARY (CFS) *****

STATION: BASIN A

APPENDIX E
COMMENTS AND RESPONSES TO THE
FINAL SCREENING PROGRAM
DRAFT FINAL REPORT
JANUARY 1988

The Task 4 Final Screening Program, Third and Fourth Quarters, Draft Final Report was distributed on January 29, 1988 to all Organizations and the State (OAS). Following a review period of 30 days, the OAS were contacted by telephone on March 1, 1988 regarding comments to the document. Only Shell Oil Company was able to provide comments in a timeframe which permitted inclusion into the final document. Any other comments received will be formally responded to, but not included in the document.

RESPONSES TO SHELL OIL COMPANY COMMENTS ON THE FINAL SCREENING PROGRAM THIRD AND FOURTH QUARTER DRAFT FINAL REPORT JANUARY 1988

General_Comments

Comment 1: Sparsity of monitoring wells along main contaminant plume pathways and within plume areas.

Response: Task 4 was the initial effort under the overall RMA program to establish a regional monitoring network. Since that time, the regional network has been modified such that we believe these concerns are being addressed under the Comprehensive Monitoring Program and Shell's program. We continue to welcome any suggestions.

<u>Comment_2:</u> Continued sampling of wells that have consistently had no contaminants detected at quantifiable levels.

Response: There are only a handful of wells that fall into this category, and these wells are necessary to define the nature and extent of background contamination and to define plume boundaries. However, sampling of these wells could possibly be reduced to an annual basis. We continue to be willing to discuss the merits of this however, it must be understood that while Shell looks at this largely from an economic perspective, the State and EPA comments support doing more of this type of monitoring. A satisfactory median must be reached and we are attempting to do that.

<u>Comment 3:</u> The inclusion of wells in the monitoring network that have "questionable" construction.

Response: As we have repeatedly stated in the past, questionable wells do not necessarily generate unacceptable data. The questionable rating only means that insufficient well construction data were obtained to assign a higher rating. For example, if lithologic information is not available to confirm the screened interval, the aquifer designation (e.g., alluvial or Denver) cannot be effectively assessed. The data missing were not considered significant enough to classify it as "unacceptable". It is our opinion that replacement of many of these wells would not increase the quality of the data significantly, if at all. If Shell is advocating replacement of all questionable wells, the technical and fiscal implications must be understood and a precedent would be set for never using these wells again. It is our opinion that much greater data needs exist which our efforts should be focused on than replacing "questionable" wells.

Comment 4:

The designation of aquifer types based on arbitrarily assigned intervals corresponding to the top of well screens without primary attention to the hydrogeologic characteristics of individual wells.

Response:

It must be remembered that at the time of design, Task 4 was primarily responsible for the collection of hydrologic data to confirm the existing RMA data base. The task had no interpretive component what so ever. Realizing that any comprehensive monitoring network must include Denver monitoring as well as monitoring the alluvium, the arbitrary classification was developed to ensure a variety of Denver wells would be sampled. The issue has been discussed at length and ESE is currently working closely with MKE to resolve this problem. The redesignation of aquifer types is being resolved under Task 44, Task 25, Task 36, and Task 39.

General_Comment:

Shell is also concerned that a detailed evaluation or interpretation of the Task 4 data was not performed. Shell indicates that this type of detailed analysis is essential after each sampling event.

Response:

We acknowledge that detailed evaluations and interpretation were not performed as part of Task 4 as it was not within the scope-of-work. However, data were assessed to monitor contaminant trends in the ground water after each sampling event in order to improve subsequent sampling networks. Task 44 will be providing the necessary detailed assessments required for the Remedial Investigation Program.

Specific Comments

Comment_1: p. 2-2 para. 4 "Wells that define the extent of lateral and vertical contaminant distribution were included in the network." The distribution of wells included in the network was not refined enough to accurately define the extent of contaminant distribution. Maybe this should be restated as "Wells within known plume areas as well as wells outside of known plume areas were included in the monitoring network."

Response:

Based on the results of the ISP, it was believed that the wells included in the third and fourth quarter sampling networks provided sufficient vertical and lateral coverage to define contaminant extent. Task 4 was the first regional ground water monitoring task under the RMA program with subsequent efforts experiencing numerous modifications over the years as the data evaluation continued. It must be realized that the development of the long term monitoring network will be an evolutionary process. As more data is collected and evaluated, modifications may be made in the

network design. At the time of network development for the Third and Fourth Quarter episodes it was believed that it would satisfy the Task 4 objectives.

Comment 2: p. 2-4 para. 2 "Additionally, some wells originally designated for third quarter analysis were not sampled during the third quarter for various reasons . . . " What were these reasons?

Response:

The reasons are as follows: discovery of missed holding times too late for resampling; field crew failure to sample a group of wells; administrative error. The Army has taken action that will hopefully preclude the reoccurrence of these problems in the future.

Comment_3: p. 3-2 para. 1 "During production of these maps, seemingly anomalous data points were critically evaluated and some wells designations were revised." How were these points evaluated and which well designations were revised? The aquifer designations continue to be a problem in that they have been assigned using somewhat arbitrary values to designate the aquifer type. This classification results in some wells that are entirely screened in the upper part of the Denver to be classified as alluvial. The revision of only a few of these well designations may serve to further complicate designations which are at least consistent.

Response:

As stated in this paragraph, criteria for redesignation included continuation of the screened interval much deeper than 10 ft below bedrock surface, reevaluation of the bedrock elevation, and resurveying of ground surface. A table listing these well designation changes will be included in the white cover Final Screening Program Report. We agree that the previous designation scheme did create designation problems, and all wells have since been re-classified based on screened interval in relation to the bedrock contact. This redesignation should eliminate the use of wells screened exclusively in the Denver alluvial well networks, and this reclassification scheme will be used in future ground water efforts.

Comment_4: p. 3-2 para. 2 "Across the RMA, the alluvial groundwater gradient is approximately 35 feet/mile . . ." Plates 2 and 3 both qualitatively display bimodal distribution of groundwater gradients. It may be helpful to give a more complete description of the groundwater gradients.

Response:

A more complete description of gradient variation will be included in the white cover Final Screening Program Report.

Comment_5: p. 3-2 para. 2 "The groundwater gradient ranges from a minimum of 5 feet/mile . . . to a maximum of approximately 100 feet/mile . . ." The 5-foot estimate is an outlier in the data. It occurs in only one area and is somewhat misleading to describe the distribution of the data using only these ranges.

Response:

An "average low" gradient value will be used rather than the 5 feet/mile to more clearly represent the RMA gradient variation.

Comment 6: p. 3-5 para. 1 "However, the designations do serve to demonstrate the presence or absence of vertical trends within the Denver Formation." As indicated in this section, the Denver Formation contains several distinct hydraulic zones. Therefore, these depth-discrete intervals may be located at different sandy zones. The hydraulic heads of these intervals need to be reviewed along with geologic logs and solute concentrations to determine whether there are vertical trends within the Denver Formation.

Response:

This statement was to imply that while more detailed interpretations that include an understanding of specific hydrologic intervals would be helpful when describing vertical trends in the Denver, these maps are useful in that

they describe general groundwater surfaces within a given depth-zone. We recognize that a clearer understanding of hydrostraticgraphic units is necessary to more clearly define ground water movement in the Denver, and have focused ongoing Denver hydrologic task efforts in this area.

Comment 7: p. 3-5 para. 3 The potentiometric maps for the 10 to 50 feet below bedrock Denver designation display similar characteristics to the alluvial water-level maps. They both show a groundwater mound beneath the South Plants area, a broad area of low gradients in Sections 23 and 24, and an area of low groundwater gradients in the Derby Lakes area. This may be an indication that hydraulic connections exist in those areas. The evaluation of these potential connections remain a critical gap in understanding contaminant distribution within the Denver and between the alluvial and Denver aquifers.

Response:

The Task 4 Final Screening Report presented information without interpretation of data. We agree that the maps do indicate this, and recommend evaluation of this information in future efforts.

Comment_8: p. 3-6 para. 1 "South Plants mound is present in the greater than 50 feet potentiometric maps, but it is less pronounced and exhibits water levels approximately 10 feet lower than in the overlying Denver interval." This shows that hydraulic connections may also exist between different layers in the Denver Formation at the South Plants area. The term "water levels" should be replaced with "potentiometric surface" since it is a confined aquifer.

Response:

References to Denver "water levels" will be changed to "potentiometric surfaces" in the white cover Task 4 Final Screening Report.

Comment 9: p. 3-9 para. 3

The change in contaminant distribution patterns between the ISP and the Third and Fourth Quarter data may be due to the artifact of contouring different sets of points.

Response:

We agree that different data sets may cause apparent contaminant distribution changes between quarters, but contaminant occurrences in Third and/or Fourth Quarter wells in the same location as "clean" ISP wells (example: Well 25022) could also indicate changes in contaminant distribution patterns.

Comment 10: p. 3-15 table 3.1-1 If an evaluation of frequency of analyte concentrations is going to be presented, it should include variance, standard deviation, or frequency histograms, not just the range of concentrations.

Response:

Variance and standard deviation may be added to the table in the white cover Final Task 4 Report. This suggestion will be taken into consideration.

Comment_11:
plates

No data are plotted on any of the plates. This makes evaluation of the contouring impossible. None of the plates have a legend except for Plate 1 which has a small legend upside down at the bottom of the plate.

Response:

Water level values were supplied in the appendices. With the addition of tables clarifying the water level network use (Comment 3) and the water level network map (Plate 1), evaluation of plates can be accomplished. Explanations will be added to appropriate plates.

Comment 12:
Appendix B

The units are not given on any of the data tables.

Response:

Units will be added in the white cover Task 4 Final Screening Report.